

# UNCLASSIFIED

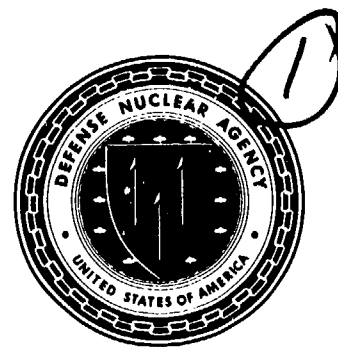
<b>AD NUMBER</b>
ADB150825
<b>NEW LIMITATION CHANGE</b>
<b>TO</b> Approved for public release, distribution unlimited
<b>FROM</b> Distribution authorized to U.S. Gov't. agencies and their contractors; Administrative/Operational Use; 27 Apr 90. Other requests shall be referred to Defense Nuclear Agency, 6801 Telegraph Road, Alexandria, VA 22310- 3398.
<b>AUTHORITY</b>
DSWA ltr., 15 Apr 1997

THIS PAGE IS UNCLASSIFIED

**AD-B150 825**



**Defense Nuclear Agency  
Alexandria, VA 22310-3398**



**DNA-TR-90-33-V4**

**Nuclear Employment Planning  
Volume IV—Data Dictionary**

**DTIC FILE COPY**

**Donald W. Doerfler  
Lowry A. West  
Debora R. Gleason  
LB&M Associates  
211 SW A Avenue  
Lawton, OK 73501-4013**

**DTIC  
ELECTE  
DEC 31 1990  
S D & D**

**December 1990**

**Technical Report**

**CONTRACT No. DNA 001-88-C-0068**

Distribution authorized to U.S. Government agencies and their contractors; Administrative or Operational Use, 27 April 1990. Other requests for this document shall be referred to Defense Nuclear Agency, 6801 Telegraph Road, Alexandria, VA 22310-3398.

**90 12 26 185**

DESTRUCTION NOTICE:

FOR CLASSIFIED documents, follow the procedures in DoD 5200.22-M, Industrial Security Manual, Section II-19.

FOR UNCLASSIFIED, limited documents, destroy by any method that will prevent disclosure of contents or reconstruction of the document.

Retention of this document by DoD contractors is authorized in accordance with DoD 5220.22-M, Industrial Security Manual.

PLEASE NOTIFY THE DEFENSE NUCLEAR AGENCY, ATTN: CSTI, 6801 TELEGRAPH ROAD, ALEXANDRIA, VA 22310-3398, IF YOUR ADDRESS IS INCORRECT, IF YOU WISH IT DELETED FROM THE DISTRIBUTION LIST, OR IF THE ADDRESSEE IS NO LONGER EMPLOYED BY YOUR ORGANIZATION.



## DISTRIBUTION LIST UPDATE

This mailer is provided to enable DNA to maintain current distribution lists for reports. We would appreciate your providing the requested information.

- ☐ Add the individual listed to your distribution list.
- ☐ Delete the cited organization/individual.
- ☐ Change of address.

**NOTE:**

*Please return the mailing label from the document so that any additions, changes, corrections or deletions can be made more easily.*

NAME: \_\_\_\_\_

ORGANIZATION: \_\_\_\_\_

**OLD ADDRESS**

**CURRENT ADDRESS**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

TELEPHONE NUMBER: (     ) \_\_\_\_\_

SUBJECT AREA(s) OF INTEREST:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

DNA OR OTHER GOVERNMENT CONTRACT NUMBER: \_\_\_\_\_

CERTIFICATION OF NEED-TO-KNOW BY GOVERNMENT SPONSOR (if other than DNA):

SPONSORING ORGANIZATION: \_\_\_\_\_

CONTRACTING OFFICER OR REPRESENTATIVE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

CUT HERE AND RETURN





Director  
Defense Nuclear Agency  
ATTN: TITL  
Washington, DC 20305-1000

Director  
Defense Nuclear Agency  
ATTN: TITL  
Washington, DC 20305-1000

REPORT DOCUMENTATION PAGE			Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.				
1. AGENCY USE ONLY (Leave blank)		2. REPORT DATE 901201		3. REPORT TYPE AND DATES COVERED Technical 890711 - 900228
4. TITLE AND SUBTITLE  Nuclear Employment Planning Volume IV—Data Dictionary			5. FUNDING NUMBERS  C-DNA 001-88-C-0068 PE 62715H PR - RW TA - RN WU - DH042980	
6. AUTHOR(S)  Donald W. Doerfler, Lowry A. West, Debora R. Gleason				
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)  LB&M Associates 211 SW A Avenue Lawton, OK 73501-4013			8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)  Defense Nuclear Agency 6801 Telegraph Road Alexandria, Virginia 22310-3398 NAN/Rawlick			10. SPONSORING/MONITORING AGENCY REPORT NUMBER  DNA-TR-90-33-V4	
11. SUPPLEMENTARY NOTES  This work was sponsored by the Defense Nuclear Agency under RDT&E RMC Code B4662 D RW RN 00003 PRAS 1940A 25904D.				
12a. DISTRIBUTION/AVAILABILITY STATEMENT Distribution authorized to US Government agencies and their contractors; Administrative or Operational Use, 27 April 1990. Other requests for this document shall be referred to Defense Nuclear Agency, 6801 Telegraph Road, Alexandria, VA 22310-3398.			12b. DISTRIBUTION CODE	
13. ABSTRACT (Maximum 200 words) This report contains four volumes, Main Report (Volume I), Functional Description (Volume II), Data Flow Diagrams (Volume III), and Data Dictionary (Volume IV). The objective of this report is to define user planning requirements for tactical nuclear weapons employment. It identifies the nuclear planning employment functions at corps and division echelons, the interfaces among these functions and the interfaces between these functions and other command and control (C2) functions. It is intended that it be used as the basic requirements document for the automation of the nuclear employment planning process as part of the Army Tactical Command and Control System (ATCCS). The Functional Description (Volume II) of the report provides a menu of functions (processes) which, depending on the phase of nuclear employment must be performed to plan for the use of nuclear weapons at corps and division echelons. The processes have been decomposed to five levels of resolution. The Data Flow Diagrams (Volume III), depict the flow of process inputs and outputs, both among the planning processes themselves, as well as between the nuclear employment planning processes and organizational C2 nodes and entities performing other C2 processes. The Data Dictionary (Volume IV), provides a single place to find the full names and definitions of the data terms used in the Functional Description and Data Flow Diagrams. Mission Thread Diagrams found in Volume I (Main Report) supplement the Data Flow Diagrams in that they show the sequence of processes as they are performed in one phase of nuclear planning. Commander's guidance as it applies to nuclear employment planning is discussed separately in the Main Report and interwoven throughout the data flow diagrams, functional descriptions and the data dictionary. All of these elements make up this report and must be viewed together to get the overall picture of the Operational Nuclear Employment Planning Process. (740) <i>[Signature]</i>				
14. SUBJECT TERMS  ATCCS      NUC EMPL PLANNING      C2			15. NUMBER OF PAGES 186	
			16. PRICE CODE	
17. SECURITY CLASSIFICATION OF REPORT UNCLASSIFIED	18. SECURITY CLASSIFICATION OF THIS PAGE UNCLASSIFIED	19. SECURITY CLASSIFICATION OF ABSTRACT UNCLASSIFIED	20. LIMITATION OF ABSTRACT SAR	

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE

CLASSIFIED BY:

N/A since Unclassified

DECLASSIFY ON

N/A since Unclassified



Accession For	
NTIS CRA&I	<input type="checkbox"/>
DTIC TAB	<input checked="" type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification .....	
By .....	
Distribution /	
Availability Codes	
Dist	Avail a d/or Special
C-2	

SECURITY CLASSIFICATION OF THIS PAGE

UNCLASSIFIED

## **SUMMARY**

### **GENERAL.**

This is Volume IV of a four volume set which describes the Operational Nuclear Employment Planning Process. This volume contains the Data Dictionary discussed in Section 3 of Volume I (Main Report). The Data Dictionary entries found in this volume are a collection of information about the data defined for the Operational Nuclear Employment Planning Process. It is a set of hierarchically structured, logical definitions for each of the data terms used in Volume III (Data Flow Diagrams) of this report. Each data term, or character string, is limited to 30 characters, which includes all hyphens. This volume, which contains 178 pages, along with Volume II (Functional Description) and Volume III (Data Flow Diagrams) describes the Operational Nuclear Employment Planning Process summarized in Volume I (Main Report).

The most important role of this Data Dictionary is to provide a single place to find the full names and definitions of the data terms used in the Functional Description (Volume II) and Data Flow Diagrams (Volume III). All elements of the data flow diagrams have been defined for the five levels of decomposition described in this report.

### **DATA CATEGORIES.**

The data contained in this dictionary is categorized into one of five types of data used to describe the Operational Nuclear Employment Planning Process. The categories used are discussed in the subparagraphs below.

#### **Basic Data.**

Basic data is the type of data which cannot be meaningfully broken down into small components. It is usually described in terms of legal entries or values.

#### **Data Structures.**

Data Structures found in this report are a combination of other data or components. All data structures are not shown to their lowest level components due to the levels of decomposition in this report. In those instances where further decomposition is required to identify the lower components the term TO BE DETERMINED (TBD) is used. Each component part of the data structure becomes a data dictionary entry in itself. Elements of a data structure could be Components, Related Data or an Alias.

#### **Aliases.**

An Alias is a synonym for a data element which surfaces in the data dictionary of this report because the item has been called a different name elsewhere in the data flow diagram. An alias has no definition of its own; it is only a reference to the main name.

#### **Data Store.**

A Data Store is a temporary resting place for information until it is needed by a process in the system. Data stores are dynamic, constantly being revised by processes which use their data. In this report (Volume III Data Flow Diagrams) one data store is named Information Base.

### Known Data.

This is data which is commonly understood, and further definition would be redundant or unnecessary.

All data elements in this Data Dictionary have been placed in one of the above five categories, and all elements which make up that item are listed in the definition, unless it is Known Data. All elements, to include subelements (Components, Related Data and Aliases) are entries in this Data Dictionary and have been defined.

### EXAMPLE PAGE.

The figure shown below is an actual page from this data dictionary and is a representative description of what was discussed in the preceding paragraphs.

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Actual-HOBs	data structure	TBD	None	None	Actual Heights of Burst. The actual vertical distance from the earth's surface to the point of burst of a nuclear weapon. Actual HOB may or may not be the calculated desired HOB (DHOB), optimum height of burst (OPHOB), or fallout safe height of burst (FSHOB).
Adj'd-Wpn-Aimpts	data structure	TBD	None	None	Adjusted Weapon Aimpoints. A weapon aimpoint that has been adjusted to consider preclusion data/guidance.
Adj'd-Wpn-Yields	data structure	TBD	None	None	Adjusted Weapon Yields. A weapon yield that has been adjusted to consider preclusion data/guidance.
Adj-HQ-Sit-Rpts	data structure	Adj-Unit-Locs Adj-Unit-Activities Adj-Unit-Missions	None	Ext-Sit-Repts	Adjacent Headquarters Situation Reports. These reports relate what has happened, or is happening, at an adjacent unit. They may contain information relating to enemy activity, current operations, personnel status, etc., that may be needed for operational planning.
Adj-Nuc-Pkg-Aimpts-Ylds	data structure	TBD	None	None	Adjustments to Nuclear Package Aimpoints and/or Yields. Adjustments are based on changing target size, location or employment guidance.
Adj-Nuc-Pkg-Dec-Pts	data structure	TBD	None	None	Adjustments to Nuclear Package Decision Points. Decision points are those times, places, situations on the battlefield where and when the commander has said he will commit to the use of nuclear weapons. Adjustments are made to these decision points in the process of reviewing and refining nuclear packages to ensure they facilitate the changing tactical situation and conform to established employment guidance.
Adj-Nuc-Pkg-Tgts	data structure	TBD	None	None	Adjustments to Nuclear Package Targets. Targets which are added to, deleted from, or modified within an approved

## TABLE OF CONTENTS

Section	Page
SUMMARY .....	iii
DNA Data Dictionary .....	1

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Actual-HOBs					
	data structure				
	TBD		None	None	Actual Heights of Burst The actual vertical distance from the earth's surface to the point of burst of a nuclear weapon. Actual HOB may or may not be the calculated desired HOB (DHOB), optimum height of burst (OPTHOB), or fallout safe height of burst (FSHOB).
Adj'd-Wpn-Aimpts					
	data structure				
	TBD		None	None	Adjusted Weapon Aimpoints. A weapon aimpoint that has been adjusted to consider preclusion data/guidance.
Adj'd-Wpn-Yields					
	data structure				
	TBD		None	None	Adjusted Weapon Yields. A weapon yield that has been adjusted to consider preclusion data/guidance.
Adj-HQ-Sit-Rpts					
	data structure				
	Adj-Unit-Locs				
	Adj-Unit-Activities				
	Adj-Unit-Missions				
			None	Ext-Sit-Repts	
					Adjacent Headquarters Situation Reports. These reports relate what has happened, or is happening, at an adjacent unit. They may contain information relating to enemy activity, current operations, personnel status, etc., that may be needed for operational planning.
Adj-Nuc-Pkg-Aimpts-Ylds					
	data structure				
	TBD		None	None	Adjustments to Nuclear Package Aimpoints and/or Yields. Adjustments are based on changing target size, location or employment guidance.
Adj-Nuc-Pkg-Dec-Pts					
	data structure				
	TBD		None	None	Adjustments to Nuclear Package Decision Points. Decision points are those times, places, situations on the battlefield

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					where and when the commander has said he will commit to the use of nuclear weapons. Adjustments are made to these decision points in the process of reviewing and refining nuclear packages to ensure they facilitate the changing tactical situation and conform to established employment guidance.
Adj-Nuc-Pkg-Tgts	data structure				
	TBD		None	None	Adjustments to Nuclear Package Targets. Targets which are added to, deleted from, or modified within an approved nuclear package based on changes in the tactical situation
					Modifications include changes in target size, composition location, and/or configuration.
Adj-Nuc-Subpkg-Aimpts-Ylds	data structure				
	TBD		None	None	Adjustments to Nuclear Subpackage Aimpoints and/or Yields. See definition at Adj-Nuc-Pkg-Aimpts-Ylds.
					Planning for employment of subpackages is done at the division level.
Adj-Nuc-Subpkg-Dec-Pts	data structure				
	TBD		None	None	Adjustments to Nuclear Subpackage Decision Points. Refer to the remarks column under Adj-Nuc-Pkg-Dec-Pts.
Adj-Nuc-Subpkg-Tgts	data structure				
	TBD		None	None	Adjustments to Nuclear Subpackage Targets. See definition under Adj-Nuc-Pkg-Tgts. Subpackage planning is performed at the division level.
Adj-Tgt-Aimpoints	data structure				
	TBD		None	Aimpoint-Self-Procedures	Adjusted Target Aimpoints. Target aimpoints which have been adjusted in order to preclude nuclear preinitiation.
Adj-to-Nuc-Wpns-Pack-Subpack	data structure				



# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		Adjmts-to-NWpns-Pack			
		Adjmts-to-NWpns-Subpack	None	None	Adjustments to Nuclear Weapons Package/Subpackage.
					Adjustments made to a nuclear package or subpackage based upon changes in the tactical situation or employment guidance.
Adj-Unit-Activities					
	data structure				
	TBD		None	None	Adjacent Unit Activities. Information on an adjacent unit's activities which may affect friendly unit nuclear employment planning.
Adj-Unit-Locs					
	data structure				
	TBD		None	None	Adjacent Unit Locations. Adjacent unit locations are important when planning employment of nuclear weapons for coordination of missions, use of nuclear weapons, and calculations of safety factors.
Adj-Unit-Missions					
	data structure				
	TBD		None	None	Adjacent Unit Missions. Adjacent unit missions provide indications of future adjacent unit locations, activities, and potential nuclear weapons employment.
Adjmts-to-NWpns-Pack					
	data structure				
		Adj-Nuc-Pkg-Tgts			
		Adj-Nuc-Pkg-Aimpts-Ylds			
		Adj-Nuc-Pkg-Dec-Pts			
			None	None	Adjustments to the Nuclear Weapons Package. Adjustments to a nuclear weapons package are based on a changing tactical situation or on changing employment guidance.
Adjmts-to-NWpns-Subpack					
	data structure				
		Adj-Nuc-Subpkg-Tgts			
		Adj-Nuc-Subpkg-Aimpts-Ylds			
		Adj-Nuc-Subpkg-Dec-Pts			
			None	None	Adjustments to the Nuclear Weapons Subpackage. See

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					definition under Admits-to-NWpns-Pack. Subpackage planning occurs at the division level.
Adv-Assoc-Emp-NW-Ea-COA	data structure				
	TBD		None	None	Advantages Associated with the Employment of Nuclear Weapons in Each Course of Action (COA). See "Remarks" column of next entry.
Adv-Disadv-Each-NWpns-Spt-COA	data structure				
		Adv-Assoc-Emp-NW-Ea-COA			
		Disadv-Assoc-Emp-NW-Ea-COA			
		Rcord-AdvDisadv-Ea-NW-Spt-COA			
			None	None	Advantages/Disadvantages of Each Nuclear Weapons-Supported Course of Action (COA). An identification of those aspects of a nuclear weapons-supported COA which will or could have either positive or deleterious influences/effects upon mission accomplishment.
Aimpoint-Sel-P'dures	data structure				
		Preinit-Avoid-P'dures			
			None	Adj-Tgt-Aimpoints	Aimpoint Selection Procedures. The standard, technical procedures used in nuclear employment analysis to arrive at initial or adjusted aimpoints by considering target data, required target damage, conventional weapon contribution, and/or preclusion data.
Air-Conv-Tgt-List	data structure				
	TBD		None	None	Air Conventional Target List. A listing of targets which are intended for attack by air-delivered conventional munitions. This term is used in the nuclear fire support planning process of determining the percentage of overall required target damage which will be contributed by conventional weapons.
Air-Del-Nuc-R'scres-Avail-Plan	data structure				

## DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		TBD	None	None	Air-Delivered Nuclear Resources Available for Planning. Those air-delivered nuclear weapons which have been allocated for planning by a higher headquarters.
Air-Del-Res-Reqd	data structure				
		TBD	None	None	Air Delivery Resources Required. The actual number and type of air-delivery nuclear weapons required to execute a package or subpackage which has been authorized for employment.
Air-Nuc-Del-Sys-Caps	data structure				
		TBD	Nuc-Air-Del-Sys-Caps	None	Air Nuclear Delivery System Capabilities. The range, accuracy, type of payload, etc. of air nuclear delivery systems. When determining the type of air nuclear delivery systems required and available for selective employment planning, the capabilities of these systems must be readily available or known.
Air-Nuc-Del-Sys-Resp-Times	alias; main name--Air-Nuc-Sys-Resp-Times				
					Air Nuclear Delivery System Response Times.
Air-Nuc-Sys-Resp-Times	data structure				
		TBD	Air-Nuc-Del-Sys-Resp-Times	None	Air Nuclear Delivery System Response Times. The doctrinal response time for a given type of air delivery platform, commencing from the time a request for employment is received.
Air-Resuppl-Proc	data structure				
		TBD	None	None	Air Resupply Procedures. Unit procedures governing air resupply of nuclear weapons. Military airlift is the preferred mode of transport for the movement of nuclear weapons. US custody will be maintained at all times, and following the provisions within the AR 50-100 series is mandatory during logistical movements.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Air-Spt-Plan	data structure				
	Air-Conv-Tgt-List	None			Air Support Plan. The document developed and used in the fire support planning process which details how air assets will be used in support of the mission to be accomplished.
Alt-COA-for-Nuc-Emp-Pln-P'frm	data structure				
	Alt-NW-Spt-COA-Acc-Pri-Msn				
	Cling-Roles-NW-COA-Br-Seq	None			Adv-Assoc-Emp-NW-Ea-COA
					Alternative Courses of Action (COA) for Which Nuclear Employment Planning is to be Performed. Those COAs not selected by the commander for execution of a mission but for which he desires nuclear employment planning.
Alt-Nuc-Wpns-Spt-Crs-Action	data structure				
	Alt-NWpns-Spt-Mvr-Schemes				
	Anal-of-Relative-Cmbt-Power				
	COA-Sketches				
	NWpns-Spt-COA-Slmts				
	Input-NW-Sptd-COA-Slmts				
	COA-Nuc-FC-Msr-Sketches	None			Adv-Disadv-Each-NWpns-Spt-COA
					Mod-Course-of-Action
					Alternative Nuclear Weapons-Supported Courses of Action. Those candidate nuclear weapons-supported courses of action which will provide for accomplishment of the mission while meeting commander's guidance.
Alt-NW-Spt-COA-Acc-Pri-Msn	data structure				
	TBD				
		None			Alternative Nuclear Weapons-Supported Courses of Action (COA) to Accomplish Primary Mission. Secondary COAs not selected as the basis for mission execution but which the commander desires retained for contingency planning.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Alt-NWpns-Spt-Mvr-Schemes	data structure				
		Init-Array-Nuc-Del-Sys			
		Init-Alloc-NW-Spt-Ea-Sch-Mvr			
		Nuc-FC-Msrs-Ea-Sch-Mvr			
		None		Alt-Nuc-Wpns-Spt-Crs-Action	Alternative Nuclear Weapons-Supported Maneuver Schemes.
					Maneuver schemes associated with alternative nuclear weapons courses of action.
Anal-Enemy-Nuc-Cap	data structure				
		TBD			
			None	Enemy-Nuc-Intent	
				Enemy-Nuc-Sys	
				Enemy-OB	
					Analysis of Enemy Nuclear Capabilities. An analysis of the enemy capability to employ nuclear weapons in support of combat operations. Knowing as much as can be determined through intel reports and the IPB process about the enemy nuclear capabilities aids in the analysis of relative combat power, in selecting airmports, and ultimately in development of courses of action.
Anal-Fri-Force-Nuc-Caps	data structure				
		TBD			
			None	None	Analysis of Friendly Force Nuclear Capabilities. An analysis which includes the current and anticipated status of: nuclear-capable units (personnel, maintenance/supply of equipment, nuclear weapons on-hand, location, activities); communications systems/units supporting nuclear operations; logistics units/elements supporting nuclear operations, to include NASP/WHA areas.
Anal-NWpns-Spt-COA	data structure				
		Vis-Nuc-Emp-Ea-COA			
		Vis-Enemy-Rx-Nuc-Emp			
		NWpns-Spt-Mvr-Counteraxs			
			None	None	Analyzed Nuclear Weapons-Supported Courses of Action.
					Nuclear weapons-supported courses of action which have been war-gamed against likely enemy courses of action.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Anal-of-Nuc-Emp1-Aspects-of-Ms	data structure				
		Staff-Subord-Hq-Plan-Prep-Time			
		R'cord-of-Spec-Nuc-Emp1-Tasks			
		R'cord-of-Impl-Nuc-Emp1-Tasks			
		Limit-on-Emp1-Nuc-Wpns			
		Avail-Nuc-Wpns-Emp1-Res			
			Anal-of-Nuc-Emp1-Aspects-of-MS		
			Adj-HQ-Sit-Rpts		
			Adj-Unit-Missions		
					Analysis of the Nuclear Employment Aspects of the Mission. This is an analysis of the organizational mission in order to determine the nuclear employment-related tasks which must be accomplished, their complexity, and their relative importance. The results of this analysis aids in the development of the communications plan, in analyzing the need for changes to the mission, in formulating nuclear-related portions of estimates, in targeting, and in developing/refining nuclear packages/subpackages.
Anal-of-Relative-Cmbt-Power	data structure				
		Anal-Fri-Force-Nuc-Caps			
		Anal-Enemy-Nuc-Caps			
			Anal-Rel-Nuc-Cmbt-Power		
			None		Analysis of Relative Nuclear Combat Power. A comparison of friendly and enemy capabilities to employ nuclear weapons. In analyzing relative combat power, conclusions as to the types of friendly and enemy nuclear weapons-supported operations which can be conducted are made.
Anal-Rel-Nuc-Cmbt-Power	alias; main name		Anal-of-Relative-Cmbt-Power		
					Analysis of Relative Nuclear Combat Power.
Anal-of-Nuc-Emp1-Aspects-of-MS	alias; main name		Anal-of-Nuc-Emp1-Aspects-of-Ms		
					Analysis of the Nuclear Employment Aspects of the Mission.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
App-Nuc-Wpns-Pack					
	data structure				
		I'grated-Corps-Nuc-Wpns-Pack			
		Eval-Nuc-Wpns-Pack-Subpack			
		Adj-to-Nuc-Wpns-Pack-Subpack			
		Corps-Cdr-Apvd-NWpns-Pack			
		App-Nuc-Wpns-Subpack			
		None	None		Approved Nuclear Weapons Package/Subpackage.
Apvd-Nuc-Emp1-IP-to-OPORD-Plan					
	data structure				
		TBD	Apvd-Nuc-Emp1-IP-to-OPORD-Pln		
			Anl-of-Nuc-Emp1-Aspects-of-MS		
			Apvd-Nuc-Spt-Crs-Action		
					Approved Nuclear Employment Inputs to the OPORD/OPLAN.
					Nuclear employment inputs which have been reviewed by the commander, or his designated representative, as a part of the approval process in publishing an OPORD/OPLAN.
Apvd-Nuc-Emp1-IP-to-OPORD-Pln					
	alias: main name--Apvd-Nuc-Emp1-IP-to-OPORD-Plan				
					Approved Nuclear Employment Inputs to the OPORD/OPLAN.
Apvd-Nuc-Spt-COA					
	alias: main name--Apvd-Nuc-Spt-Crs-Action				
					Approved Nuclear Weapons-Supported Course of Action.
Apvd-Nuc-Spt-Crs-Action					
	data structure				
		COA-CF-Concept			
		COA-Deep-Opns-Concept			
		COA-Close-Opns-Concept			
		Apvd-Nuc-Spt-COA			
		None			Approved Nuclear Weapons-Supported Course of Action. A nuclear weapons-supported course of action which has been recommended by the staff and approved by the commander.
Anty-Conv-Tgt-List					
	data structure				

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		TBD	None	None	Artillery Conventional Target List. A list of those targets which are to be attacked with conventional non-nuclear artillery munitions.
As-Reqd-Sit-Rpts					
	data structure				
	TBD		None	None	As-Required Situation Reports. Situation reports that are submitted based on the occurrence of a specific event.
As-Reqd-Stat-Rpts					
	data structure				
	TBD		None	None	As-Required Status Reports. Status reports that are submitted based on the occurrence of a specific event.
Asgnd-Org-Mission					
	data structure				
	TBD		None	None	Assigned Organizational Mission. The mission assigned to an organization by a higher authority.
Assessment-of-Situation					
	data structure				
		Anal-of-Nuc-Empl-Aspects-of-Ms			
		Replanning-Requirements			
		Cdr's-Init-Planning-Guid			
		Portr-of-Nuc-Empl-Status-Org			
		None	None	None	Assessment of the Situation. An evaluation of all information received to determine the nuclear situation of the force and the nuclear employment planning requirements of the force.
Assmt-Vai-Plan-Assumpt					
	data structure				
	TBD		None	None	Assessment of the Validity of Planning Assumptions. An evaluation of the continued validity of planning assumptions on which developed nuclear weapons packages/subpackages are originally based.
Assumpt-Ptrain-to-Empl-NWons					
	data structure				
		Unavail-Facts-Rlvnt-NW-Empl			
		Chng'g-Facts-Rlvnt-NW-Empl			



DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
			None	None	Assumptions Pertaining to the Employment of Nuclear Weapons. Nuclear weapons assumptions made by the commander and staff to replace missing facts or facts which will change during the course of planning.
Authorization-Documents	data structure				
		TOEs			
			None	None	Authorization Documents. Official documents which contain the authorized personnel and/or equipment a unit should have.
Avail-CallSigns-Suffixs-Freqs	data structure				
		TBD	None	Curr-CE-Oper-Instr	Available Call Signs, Suffixes, and Frequencies.
Avail-Com-Means-Spt-Nuc-Em-Op	data structure				
		TBD	None	None	Availability of Communications Means to Support Nuclear Employment Operations. A determination of the communications means available for use in nuclear weapons employment planning. Communications means is a collective term for the types of communications systems available, such as messenger, wire, radio sound/visual.
Avail-Com-Modes-Spt-Nuc-Em-Op	data structure				
		TBD	None	None	Available Communications Modes to Support Nuclear Employment Operations. A determination of the communications modes available for use in nuclear weapons planning. Communications modes is a collective term for the types of information transmission within each communications means. Example: radio-tactical satellite, mobile subscriber equipment, etc.
Avail-Field-Phone-Des-Nos	basic data				
		TBD	None	None	Available Field Telephone Designators and Numbers.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Avail-Nuc-Wpns-Empl-Res	data structure				
		Surf-Def'd-Nuc-Res-Av-Plng			
		Air-Def-Nuc-R'scrs-Avail-Plan			
			None	None	Available Nuclear Weapons Employment Resources. Those systems and weapons authorized and available, or expected to be available, for employment which may be considered during nuclear employment planning.
Avail-Tgt-Atk-Means	data structure				
		TBD	None	None	Available Target Attack Means. Those organic or supporting nuclear attack means (surface or air) which are determined during the targeting process to be available for delivering nuclear fires.
Avail-Tgt-Devel-Means	data structure				
		TBD	None	None	Available Target Development Means. Those organic or supporting target development means determined which are determined during the targeting process to be available for acquiring potential nuclear targets.
Built-Up-Areas	data structure				
		TBD	None	None	Built-Up Areas. A concentration of structures, facilities, and population which form the economic and cultural focus for the surrounding area. There are 4 categories: large cities, towns/small cities, villages, strip areas.
C'cpt-Nuc-Empl-Ops	data structure				
		Apvd-Nuc-Spt-Crs-Action			
		Mod-Course-of-Action			
		Higher-Hq-Ord-Plan-Exec-Para			
		Spec-Nuc-Empl-Tasks			
		Impl-Nuc-Empl-Tasks			
		Cdr's-Estimate			
		Cdr's-COA-Descript			
		Cdr's-Statement-of-Intent			

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		Descript-of-P'pose-NWpns-Cbt-Op			
		Cdr's-Suppl-Planning-Guid			
		Nuc-Targeting-Info			
		Sit-Anal-of-NWpns-Spt-Crs-Act			
			None	None	Concept of Nuclear Employment Operations. The commander's concept for employing nuclear weapons as part of a course of action designed to accomplish the mission.
C'Pare-Actual-Desired-Sit					
	data structure				
		TBD	None	None	Comparison of the Actual to the Desired Situation. A comparison of the portrayal of the actual nuclear weapons employment situation acquired through monitoring the situation with the desired situation as reflected in current orders/plans.
C'Pare-Alt-Nuc-Spt-Crs-Action					
	data structure				
		Anal-NWpns-Spt-COA			
		Adv-Disadv-Each-NWpns-Spt-COA			
		C'pare-COA-Adv-Disadv			
		Intel-Spt-of-Each-COA			
		FS-Spt-of-Each-COA			
		Log-Spt-of-Each-COA			
		CMO-Spt-of-Each-COA			
		Pers-Spt-of-Each-COA			
		Cdr's-COA-Anal			
		Anal-of-Relative-Cmbt-Power			
		COA-Sketches			
		Alt-NWpns-Spt-Mvr-Schemes			
		COA-Nuc-FC-Msr-Sketches			
			None	Vis-Nuc-Emp-Ea-COA	
				Vis-Enemy-Rx-Nuc-Emp	
				NWpns-Spt-Mvr-Counteraxs	
					Comparison of Alternative Nuclear Weapons-Supported Courses of Action. A comparison alternative nuclear weapons-supported courses of action in terms of significant advantages/disadvantages of each, or in terms of the major considerations that emerged during course of action (COA) analysis.
C'Pare-CE-Crs-of-Action					

## DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure				
		Comms-Reqmts-Each-NW-Sptd-COA	None	None	Comparison of Communications-Electronics Courses of Action. A comparison of alternative communications-electronics courses of action in terms of the significant advantages and disadvantages of each in support of nuclear weapons employment.
C'p're-COA-Adv-Disadv	data structure				
		TBD	None	None	Comparison of Course of Action Advantages and Disadvantages. The process of analyzing available facts and assumptions, as they pertain to each nuclear weapons-supported course of action, to arrive at an optimum nuclear weapons-supported course of action.
C's'rmts-on-Empl-NWpns	data structure				
		Time-Cstr-Plan-Empl-Nuc-Wpns			
		Rqmts-Mtnc-Nuc-Wpn-Reserves			
		Cstr-Nuc-Wpns-Tgting	None	None	Constraints on the Employment of Nuclear Weapons. Identified constraints result from identifying limitations placed on the organization by higher headquarters which limit the organization's freedom of action by requiring that a nuclear employment-related action be performed.
C's'rmts-on-NWpns-Tgting	data structure				
		TBD	Cstr-Nuc-Wpns-Tgting	None	Constraints on Nuclear Weapons Targeting. Constraints which direct that targets of a specified nature or location be attacked with nuclear weapons.
Cdr's-COA-Anal	data structure				
		TBD	None	None	Commander's Course of Action Analysis. A determination by the commander as to the optimum nuclear weapons-supported course of action to accomplish a given mission.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Cdr's COA-Descript					
	data structure				
	TBD		None	None	Commander's Course of Action Description. The commander's articulation of the nuclear weapons-supported course of action he has selected for implementation.
Cdr's-Dec-Con-for-Empl-Nuc-Wpn					
	alias: main name--Cdr's-Dec-Con-for-Empl-NWpns				
					Commander's Decision and Concept for the Employment of Nuclear Weapons.
Cdr's-Dec-Con-for-Empl-NWpns					
	data structure				
	Staff-Nuc-COA-Recommendation				
	Apvd-Nuc-Spt-Crs-Action				
	C'opt-Nuc-Empl-Ops				
	Dir-Red'trm-Nuc-Empl-C'cpt				
	Mod-Course-of-Action				
			Cdr's-Dec-Con-for-Empl-Nuc-Wpn		
			None		Commander's Decision and Concept for the Employment of Nuclear Weapons.
Cdr's-Decision					
	data structure				
	TBD		None	None	Commander's Decision. The decision made by the commander, based on the recommendation(s) of the staff and the commander's own analysis, on the course of action he desires implemented.
Cdr's-Estimate					
	data structure				
	METT-T				
			None	None	Commander's Estimate. The Commander's Estimate is an analysis of all the factors affecting reasonable and practical accomplishment of a given mission. After considering METT-T (mission, enemy, troops, terrain, and time available), the commander applies his personal knowledge of the situation, legal and political considerations, and other staff estimates to arrive at a decision.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Cdr's-Init-Planning-Guid	data structure				
		Restated-Mission			
		Gui-C'stance-Limits-NWpns-Empl			
		Guid-NWpns-Empl-Act-Dcpt-Ops			
		Guid-P'ctus-C'lat-Dam-Obstacles			
		None			
				Cdr's-Estimate	
				Cdr's-Decision	
					Commander's Initial Planning Guidance. The commander's preliminary guidance to the staff which he uses to focus their planning efforts. Initial planning guidance is normally given following mission analysis.
Cdr's-Statement-of-Intent	data structure				
		TBD	None	None	Commander's Statement of intent. An amplification of the commander's concept in which he states the purpose of each of the significant steps in accomplishing the mission.
Cdr's-Suppl-Planning-Guid	data structure				
		Nuc-Wpns-Atk-Guid			
		Guid-for-Init-Req-Nuc-Wpns-EmA			
		Nuc-Empl-OPSEC-Guid			
		Guid-on-Risk-Vul-Crit			
		Guid-on-Fallout-R'strct			
		Guid-on-Troop-Safety-Rqmts			
		Guid-Tgt-Dam-Defeat-Crit-Rvis			
		Heights-of-Burst			
					Commander's Supplementary Planning Guidance. Guidance given by the commander which he uses to guide the staff in development of the commander's decision and concept into implementing directives.
Cdr-Staff-Estimates	data structure				
		Cdr-Staff-Off-Est			
		Intelligence-Estimate			
		Commo-Elect-Estimate			

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		Ops-Estimate			
		Personnel-Estimate			
		Log-Estimate			
		Civ-Mil-Estimate			
		None			
				Cdr's-Estimate	
				Staff-Estimate	
					Commander/Staff Officer Estimates. See Cdr's-Estimate and Staff-Estimate entries for more information.
Cdr-Staff-Off-Est					
	alias: main name--Cdr-Staff-Estimates				
					Commander and Staff Officer Estimates.
Changes-Energy-Force-Behav					
	data structure				
	TBD		None		
				Angl-Enemy-Nuc-Caps	
					Changes in Enemy Force Behavior. A change in enemy behavior they have been attacked with a nuclear weapon(s).
Changes-Nuc-Empl-Res					
	data structure				
	TBD		None		
				Commo-Resource-Status-Rpts	
				CSS-Status-Rpts	
				Del-Sys-Status	
					Changes in Nuclear Employment Resources. Changes in the status of friendly force nuclear resources after execution of one or more nuclear employment tasks.
Chng'g-Facts-Rlvnt-NW-Empl					
	data structure				
	TBD		None		
				None	Changing Facts Relevant to Nuclear Weapons Employment.
					Facts concerning the nuclear employment situation which are anticipated to change over the course of the planning cycle.
Civ-Cult-Resource-Locs					
	data structure				
	TBD		None		
				None	Civilian Cultural Resource Locations.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Civ-Industrial-Resource-Locs	data structure				
	TBD		None	None	Civilian Industrial Resource Locations.
Civ-Mil-Estimate	data structure				
	TBD		None	None	Civil-Military Operations (CMO) Estimate. An estimate of the impact of civil-military operations on various COAs. The estimate includes details on the CMO areas of: government and economic functions, public facilities, refugees/evacuees/displaced persons, cultural affairs and monuments/arts locations.
Civ-Pop-Locs	data structure				
	TBD		None	None	Civilian Population Locations.
Civ-Pop-Mvmnts	data structure				
	TBD		None	None	Civilian Population Movements. On-going or anticipated movements of civilians/refugees which potentially impact the use of nuclear weapons.
Civ-Trans-Resource-Status	data structure				
	TBD		None	None	Civilian Transportation Resource Status. Availability of civilian transportation assets for the movement of the civilian populace.
Class-V-Trans-Constr's	data structure				
	TBD		None	None	Class V Transportation Constraints. Constraints on transportation of nuclear weapons which are based on the tactical situation, the political situation within the host nation and the availability of escort personnel and vehicles (to include aircraft).
Cloud-Conditions	data structure				



# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		TBD	None	None	Cloud Conditions.
Cmbt-Commo-Sys-Doc	data structure				
		TBD	None	None	Combat Communications System Doctrine. Tactics, techniques, and procedures on the use of communications systems in support of combat operations. Included in this doctrine: Command and control communications procedures; communications procedures to support intelligence collection efforts; OPSEC and countermeasures to enhance communications security; backup communications plans; electronic warfare. See FM 24-1.
CMO-Spt-of-Each-COA	data structure				
		TBD	None	None	Civil-Military Operations Supportability of Each Course of Action. The analysis of a nuclear weapons-supported course of action from the standpoint of its impact on the conduct of civil-military operations.
COA-CF-Concept	data structure				
		TBD	None	None	Course of Action (COA) Covering Force (CF) Concept. The concept for covering force operations within a nuclear weapons-supported course of action.
COA-Close-Opns-Concept	data structure				
		TBD	None	None	Course of Action (COA) Close Operations Concept. The concept for close operations within a nuclear weapons-supported course of action.
COA-Deep-Opns-Concept	data structure				
		TBD	None	None	Course of Action (COA) Deep Operations Concept. The concept for deep operations within a nuclear weapons-supported course of action.
COA-Ev-Init-Nuc-Emp-RegAuth	data structure				

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		TBD	None	None	Course of Action Events for Initiation of Nuclear Employment/ Request/Authorization. Events established during the development and analysis of a course of action which will be used to signal the initiation of nuclear employment authorizations or requests for authorization.
COA-Nuc-Emp-ReqAuth-Ex-Dec-Pts	data structure				
		TBD	None	None	Course of Action Nuclear Employment Request/Authorization/ Execution Decision Points. Events established during the development and analysis of a course of action which will be used as a decision point to request, authorize, or execute nuclear employment.
COA-Nuc-FC-Msr-Sketches	data structure				
		TBD			
			COA-Nuc-Fire-Cont-Sketches	None	
					Course of Action Nuclear Fire Control Measure Sketches. Fire control measures applicable to nuclear weapons, such as no fire areas, boundaries, and the coordinated fire line.
COA-Nuc-Fire-Cont-Sketches	alias; main name-- COA-Nuc-FS-Msr-Sketches				
					Course of Action Nuclear Fire Control Measure Sketches.
COA-Sketches	data structure				
		TBD	None	None	Course of Action Sketches. An outline of an operation overlay for a course of action. Such a sketch normally includes location of the planning headquarters, major subordinate unit boundaries, control measures, and allocated forces.
Collated-Info-on-Curr-Sit	data store				
			Info-Accept-Recorded		
			Info-Stored-in-Info-Base		
			Formatted-Req-for-Info		
			Rpts-Req-Dir-P'pared-for-T'msn		

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		Info-Distr-for-Use			
		Info-Accept-Recorded			
					Collated Information on the Current Situation. Information on the current situation which has been received, processed, and distributed.
Com-Pers-Av-Est-Main-Com-Means	basic data				
		TBD	None	None	Communications Personnel Available to Establish and Maintain Communications Means. By unit TOEs, there are a number of positions authorized for operation and maintenance of various communications means. This term refers to the number of those positions occupied by soldiers available for duty.
Com-Pers-Av-Est-Main-Com-Modes	basic data				
		TBD	None	None	Communications Personnel Available to Establish and Maintain Communication Modes. By unit TOEs, there are a number of positions authorized for operation and maintenance of various communications modes. This term refers to the number of those positions occupied by soldiers available for duty.
Com-Ppse-PkgSub-NucRes-Av-Plan	data structure				
		TBD	None	None	Comparison of Proposed Package/Subpackage to Nuclear Resources Available for Planning. A comparison of the number, type, and yield of package/subpackage weapons to ensure that they conform to higher headquarters resource guidance.
Commo-Chan-NWpns-Related-Commo	data structure				
		Plan-Estab-EA-Network			
			None	None	Communications Channels for Nuclear Weapons-Related Communications.
Commo-Elect-Estimate	data structure				
		C'Pare-CE-Crs-of-Action			
			None	None	Communications-Electronics Estimate. Process by which the signal officer to determines the best way to use available

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					communications resources to support the mission. Considered are the characteristics of the area, the enemy CE situation if known, and the friendly situation. The purpose is to assist in the selection of the most feasible COA.
Commo-Pers-Asgn	data structure				
		TBD			
			None	None	Communications Personnel Assigned.
Commo-Sys-Estab-Plan	data structure				
		TBD	None	None	Communications System Establishment Plan. A plan to meet the communications needs of the supported force in the optimum way, CE requirements must be evaluated and CE assets allocated. Nuclear weapons employment communications requirements must be evaluated as part of the overall requirements.
Commo-Unit-Pers-Status	data structure				
		Com-Pers-Av-Est-Main-Com-Means			
		Com-Pers-Av-Est-Main-Com-Modes	None	None	Communications Unit Personnel Status.
Comms-Doc	data structure				
		Comms-Mgmt-Doc			
		Info-Mgmt-Doc			
		Cmbt-Commo-Sys-Doc	None	None	Communications Doctrine. The set of principles and procedures for the establishment and use of military communications. Information is included in: FMs 24-1, 11-23, 11-50, 11-92, 34-1, 34-10, TCs 2-1, 4-18, and Rs 105-10, and 530-1.
Comms-Mgmt-Doc	data structure				
		Comms-Mgmt-Plan-Doc	None	None	Communications Management Doctrine. Techniques and procedures for managing military communications. See FM

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					24-22.
Comms Mgmt-Plng-Doc	data structure				
		TBD	None	None	Communications Management Planning Doctrine. Techniques and procedures for the planning aspects of managing military communications. See FM 24-22.
Comms-Reqmts-Each-NW-Spid-COA	data structure				
		TBD	None	None	Communications Requirements for Each Nuclear Weapons-Supported Course of Action. The requirements on communications systems necessitated by the planning for employment of nuclear weapons within each COA.
Comms-Unit-Stat-Rep	data structure				
		Op-Avail-Commo-Means			
		Op-Avail-Commo-Modes	None	None	Communications Unit Status Report. Report from a supporting communications unit on the status of operational availability of communications means and modes.
Comp-Ppse-PkgSubpkg-COA	data structure				
		TBD	None	None	Comparison of Proposed Package/Subpackage to Course of Action (COA). A comparison of a developed nuclear weapons package/subpackage to a primary or alternative COA to ensure the package/subpackage fulfills its designated purpose in facilitating mission accomplishment.
Conc-Nuc-Ops	data structure				
		TBD	None	None	Concept of Nuclear Operations. The result of developing a statement of the concept of nuclear operations for inclusion in the fire support annex of the operations order or plan.
Conc-Nuc-Spt	data structure				
		TBD	None	None	Concept of Nuclear Support. A general statement of how

# ONA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					nuclear weapons will be employed to support the overall concept of the operation. The concept is included in paragraph 3 of the OPLAN/OFPORD.
Corps-App-Nuc-Wpns-Subpack					
	alias; main name	Corps-App-Nuc-Wpns-Subpack			Corps Approved Nuclear Weapons Subpackage.
Corps-App-NWpns-Subpack					
	alias; main name	Corps-App-Nuc-Wpns-Subpack			Corps Approved Nuclear Weapons Subpackage.
Corps-Appd-Nuc-Wpns-Subpack					
	data structure				
	Corps-Subpkg-Aimpts				
	Corps-Subpkg-Wpns				
		Corps-App-Nuc-Wpns-Subpack			
		Corps-App-NWpns-Subpack			
		Corps-Appd-NWpns-Subpack			
		None			Corps Approved Nuclear Weapons Subpackage. A nuclear weapons subpackage which has been submitted by a division and approved by the corps commander.
Corps-Appd-NWpns-Subpack					
	alias; main name	Corps-Appd-Nuc-Wpns-Subpack			Corps Approved Nuclear Weapons Subpackage.
Corps-Cdr-Appd-NWpns-Pack					
	data structure				
	Assmt-Val-Plan-Assumpt				
	Rev-COA-PkgSubpkg-Conf				
	Rev-PkgSubpkg-Contents				
	None				Corps Commander Approved Nuclear Weapons Package. Nuclear weapons package with subordinate subpackages that has been approved by the responsible corps commander.
Corps-Pkg-Aimpts					
	data structure				
	TBD		None	None	Corps Package Aimpts.

USA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Corps-Pkg-Wpns	data structure				
		TBD	None	None	Corps Package Weapons.
Corps-Subpkg-Aimpts	data structure				
		TBD	None	None	Corps Subpackage Aimpoints.
Corps-Subpkg-Wpns	data structure				
		TBD	None	None	Corps Subpackage Weapons.
Critical-Planning-Info	data store				
		Mvmt-Planning-Info			
		Resupply-Planning-Info	None	None	Critical Planning Information. Time sensitive nuclear employment information provided to subordinates to allow them to begin planning to take appropriate actions at the earliest possible time.
CSS-Doc	data structure				
		TBD	None	None	Combat Service Support Doctrine. The tactics, techniques, and procedures which guide the use of CSS in combat operations. Included in: ARs 55-203, 59-2, 95-27, 190-11, 385-64, 700-22, 710-2, FMs 9-6, 9-84, 63-3J, 63-4, 100-10, 100-50.
CSS-Status-Rpts	data structure				
		Class-V-Trans-Constr's			
		Trans-Unit-Eqpm-Status			
		Trans-Unit-Pers-Status			
		Ord-Unit-Storage-Caps			
		Ord-Unit-Wpn-Status			
		None			
				CSS-Unit-Sit-Rpts	Combat Service Support Unit Status Reports.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
CSS-Unit-Sit-Rpts	data structure				
		Ord-Unit-Locs			
		Ord-Unit-Activities			
			None	None	Combat Service Support Unit Situation Reports.
Cstr-Nuc-Wpns-Tgting					
	alias: main name - C'strmts-on-NWpns-Tgting				Constraints on Nuclear Weapons Targeting.
Cstrmt-NW-Emp-C'sid-Dur-Plan'g					
	data structure	TBD	None	None	Constraints on Nuclear Weapons Employment to be Considered During Planning. Those constraints which the commander desired considered by the staff during the planning process.
Cting-Roles-NW-COA-Br-Seq					
	data structure	TBD	None	None	Contingency Roles for Nuclear Weapons in Course of Action Branches and Sequels. Roles which nuclear weapons will play in alternative lines of operation and variations in the outcome of battles.
Cur-Proj-Del-Sys-Locs					
	data structure	TBD	None	None	Current and Projected Delivery System Locations. Grid locations of the current delivery system locations and of their projected locations as they are determined.
Cur-Proj-Sen-Sys-Locs					
	data structure	TBD	None	None	Current and Projected Sensor System Locations. Grid locations of the current delivery system locations and of their projected locations as they are determined.
Curr-CE-Oper-Instr					
	data structure				
		Avail-CallSigns-Suffixs-Freqs			
		Avail-Field-Phone-Des-Nos			
		Curr-Numer-Cipher-Auth-Sys			
			Curr-CEOI		



# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
				None	Current Communications-Electronics Operating Instructions (CEOI).
Curr-CEOI					
	alias; main name--Curr-CE-Oper-Instr				
					Current Communications-Electronics Operating Instructions.
Curr-Enemy-Activities					
	data structure				
		TBD	None	None	Current Enemy Activities. A description of enemy activities within the area of operations and area of interest.
Curr-Enemy-Locs					
	data structure				
		TBD	None	None	Current Enemy Locations. Grid locations of currently identified enemy locations.
Curr-Enemy-Sit					
	data structure				
		TBD	None	None	Current Enemy Situation. Current enemy locations and activities within the area of operations and area of interest.
Curr-Fri-Forces-Status					
	data structure				
		TBD	None	None	Current Friendly Forces Status. Ther personnel, equipment, and supply status of friendly forces.
Curr-Fri-Sit					
	data structure				
		TBD	None	None	Current Friendly Situation. Current friendly force locations and activities.
Curr-Numer-Cipher-Auth-Sys					
	data structure				
		TBD	None	None	Current Numerical Cipher/Authentication System. A cipher system is a crypto system that, by means of a key, converts plain or encoded text to signals into unintelligible form and vice versa. An authentication system protects communications systems against

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					fraudulent transmission. Both should be changed periodically to prevent compromise.
Curr-Phys-Cbt-Stress					
	data structure				
		TBD	None	None	Current Physical Combat Stress. Current state of soldier stress in units which may potentially lead to, or have already caused, degraded soldier performance.
Curr-Plan'd-Nuc-Pkg-Subpkg					
	data structure				
		TBD		Curr-Plnd-Nuc-Pkg-Subpkg	
				None	Current Planned Nuclear Packages/Subpackages. Any nuclear packages and subpackages which have been approved for potential use in planned operations.
Curr-Plnd-Nuc-Pkg-Subpkg					
	alias; main name	Curr-Plan'd-Nuc-Pkg-Subpkg			
					Current Planned Nuclear Packages/Subpackages.
Curr-Proj-C'surv-I-Cmsrs					
	data structure				
		TBD	None	None	Current and Protected Countersurveillance Measures and Intelligence Countermeasures. Current established friendly force measures and countermeasures to provide operational security for current operations.
Curr-Proj-Enmy-Sit					
	data structure				
		Curr-Enmy-Sit			
		Proj-Enmy-Sit			
			None	None	Current and Projected Enemy Situation.
Curr-Proj-Fri-Sit					
	data structure				
		Curr-Fri-Sit			
		Proj-Fri-Sit			
			None	None	Current and Projected Friendly Situation.
Curr-Sold-Pers-Readiness					

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure	TBD	None	None	Current Soldier Personnel Readiness. The preparedness of soldiers in units for combat operations in terms of training, health, and motivation.
Curr-Weather-Forecasts	data store				
		TBD	None	None	Current Weather Forecasts.
Current-Time					
	data structure				
		Hours			
		Minutes			
		Time-Zone			
		Month			
		Year			
			None	None	Current Time.
D'cpt-Commo-Req	data structure				
		TBD	None	None	Deception Communications Requirements. The communications requirements for the conduct of deception operations related to the employment of nuclear weapons.
Damage-Enemy-Igts	data structure				
		TBD	None	None	Damage to Enemy Targets. Degradation in enemy combat power in terms of equipment and personnel losses that resulted from a friendly force nuclear attack.
Damage-Est-P'dures	data structure				
		TBD	None	None	Damage Estimation Procedures. Procedures used to estimate the damage which would be caused by a nuclear weapon given the target, the weapon yield, and height of burst.
Date-Time-Group	basic data				
		TBD	None	None	Date-Time Group. A common expression of military time. Used in publishing plans and orders, and in sending/

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					receiving communications traffic.
Dec-to-Init-Chng-Thru-Planning					
	alias; main name--Dec-to-Init-Chng-Thru-Replan				Decision to Initiate Change Through Replanning.
Dec-to-Init-Chng-Thru-Replan					
	data structure				
	TBD		Dec-to-Init-Chng-Thru-Planning		
			None		Decision to Initiate Change Through Replanning. A decision to return to a point in the planning cycle to conduct supplementary planning due to the assessed results of a nuclear weapons employment task.
Decision-Cycle-Time					
	data structure				
	TBD		None		Decision Cycle Time. The time required by a headquarters to issue a directive measured from the time of mission receipt or deduction.
Decoded-Info					
	data store				
	TBD		None		Decoded Information.
Decrypted-Info					
	data structure				
	TBD		None		Decrypted Information.
Deg-Acc-Risk-C'sid-Dur-Plan'g					
	data structure				
	TBD		None		Degree of Acceptable Risk to be Considered During Planning. A description for the staff by the commander of the degree of risk in terms of potential enemy reaction that the commander is willing to accept in the employment of nuclear weapons.
Del-Sys-Avail-for-Tasking					
	data structure				
	Del-Sys-Status				
	Cur-Proj-Del-Sys-Locs				
			None		Delivery Systems Available for Tasking. Specific nuclear

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					delivery systems which are available to deliver nuclear weapons within an approved package or subpackage.
Del-Sys-D'nated-to-Atk-Nuc-Tgt					
	data structure				
		Match-Avail-Del-Sys-Tgt			
		Id'd-Rqmt-Add'l-Del-Spt	None	None	Delivery Systems Designated to Attack Nuclear Targets. The assignment of specific nuclear attack requirements to specific available nuclear delivery systems.
Del-Sys-Status					
	data structure				
		TBD	None	None	Delivery System Status. The personnel, equipment, and supply status of a nuclear delivery system.
Del-Unit-Act					
	alias: main name--Nuc-Del-Unit-Activities				
					Nuclear Delivery Unit Activities.
Del-Unit-Equip-Status					
	data structure				
		TBD	None	None	Nuclear Delivery Unit Equipment Status.
Del-Unit-Locs					
	alias: main name--Nuc-Del-Unit-Locs				
					Nuclear Delivery Unit Locations.
Del-Unit-Pers-Status					
	data structure				
		TBD	None	None	Nuclear Delivery Unit Personnel Status. Number of personnel available and qualified to perform nuclear delivery tasks within a specified unit.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Del-Unit-PNL-Status	alias; main name--	Nuc-Del-Unit-PNL-Status			
					Nuclear Delivery Unit PNL Status. The status of the established prescribed nuclear load (PNL) of assigned/attached delivery units.
Des-Air-Nuc-Del-Sys-ActCaps	data structure	TBD	None	None	
					Description of Air Nuclear Delivery System Activities and System Capabilities. A description of the types of nuclear delivery aircraft, their payload, capacities, their locations, current and planned mission.
Des-CI-Asp's-Empl-NW	data structure				
		Des-En-Caps-Fri-Nuc-OPSEC			
		Des-Fri-Nuc-OPSEC-Msrs			
		Des-CI-Aspects-of-NWpns			Description of the Counterintelligence Aspects of the Employment of Nuclear Weapons. Description of the efforts to protect friendly nuclear employment operations by countering enemy efforts to locate friendly nuclear capable units, their assets, and their activities.
Des-CI-Aspects-of-NWpns	alias; main name--	Des-CI-Asp's-Empl-NW			
					Description of the Counterintelligence (CI) Aspects of the Employment of Nuclear Weapons.
Des-Civ-Mil-Aspects-Empl-NWpns	data structure				
		Descr-Imp-Civ-Pop-Empl-NWpns			
		Descr-Elf-NWpns-Empl-Ref-Ctrl			
			None	None	Description of the Civil-Military Aspects of the Employment of Nuclear Weapons. A description of the civilian activities and their impact on the potential employment of nuclear weapons.
Des-Curr-Nuc-Pack-Subpack-Stat	data structure				
		Des-HHQ-Guid-Ex-Pln-Nuc-PkgSub			
			None	None	Description of the Current Nuclear Package/Subpackage

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					Status. A description of where a particular package/subpackage is in the approval process, to include whether it has been forwarded to the next higher headquarters, whether it has been modified, and whether it has been approved.
Des-Curr-Proj-PNS	data structure				
	TBD		None	None	Description of Current and Projected PNS. The current and projected number of nuclear weapons being stored by the supporting ordnance unit.
Des-Dam-Obj-NW-TCin	data structure				
	TBD		None	None	Description of the Damage Objectives of Nuclear Weapons in Each Tactical Contingency. A description of the damage expected of nuclear weapons in each tactical contingency for which nuclear weapons are planned.
Des-Del-Unit-Curr-Proj-PNLs	data structure				
	TBD		None	None	Description of Delivery Unit Current and Projected Prescribed Nuclear Loads (PNLs). The number of nuclear weapons by yield being carried, or to be carried, by a nuclear delivery unit.
Des-Eff's-Weath-Terr-Empl-N'W	data structure				
	Des-Eff-Terr-Weath-Tgt-Devel				
	Des-Eff-Terr-Weath-Wpn-Empl				
	Des-Eff-Terr-Weath-Empl-NWpns			None	Description of the Effects of Weather and Terrain on the Employment of Nuclear Weapons. A description of the effects weather and terrain are expected to have on the employment of nuclear weapons. Weather and terrain may affect weapon emplacement, and will affect blast and radiation (initial and residual).
Des-Eff-En-Nuc-Em-Fri-For-Cas	data structure				
	TBD		None	None	Description of the Effects of Enemy Nuclear Employment on

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					Friendly Force Casualties. A description of the anticipated effects on friendly forces due to enemy nuclear employment.
Des-Eff-NW-Em-Fri-Morale	data structure				
		TBD	None	None	Description of the Effects of Nuclear Weapons on Friendly Morale. Nuclear effects, either from enemy or friendly employment, may have very detrimental effects on friendly morale, which may ultimately affect a unit's combat effectiveness.
Des-Eff-of-Terr-Wea-Empl-NWpns					
		alias; main name--Des-Eff's-Weath-Terr-Empl-NW			Description of the Effects of Weather and Terrain on the Employment of Nuclear Weapons. A description of the effects terrain in the area of operations and anticipated weather will have on nuclear weapons employed against enemy targets.
Des-Eff-Terr-Weath-Tgt-Devel	data structure				
		TBD	None	None	Description of the Effects of Terrain and Weather on Target Development. A description of the effects anticipated weather and terrain in the area of operations will have on target development system efficiency.
Des-Eff-Terr-Weath-Wpn-Empl	data structure				
		TBD	None	None	Description of the Effects on Terrain and Weather on Weapons Employment. See the remarks at Des-Eff's-Weather-Terr-Empl-NW entries.
Des-En-Caps-Fri-Nuc-OPSEC	data structure				
		TBD	None	None	Description of the Impact of Enemy Capabilities on Friendly Nuclear Operations Security (OPSEC). Those things (to include use of sensors, patrolling, and communications interception) that the enemy may do to discover friendly force nuclear employment status and capabilities, and a description of the manner in which this affects friendly force OPSEC measures.



# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Des-Enemy-Nuc-Caps	data structure				
		TBD	None	None	Description of Enemy Nuclear Capabilities. Description of the means possessed by the enemy to deliver nuclear weapons and the type of weapons which can be delivered by those means.
					Means include air, rocket, missile, and cannon delivery systems.
Des-Enemy-Nuc-Status	data structure				
		Des-Enemy-Nuc-Caps			
			Description-Enemy-Nuc-Status		
			None		Description of Enemy Nuclear Status. Information describing enemy nuclear weapons by type and number, numbers and types of units, and equipment, personnel, and supply status in nuclear capable enemy units.
Des-Fri-Cap-Dev-En-Nuc-Tgts	data structure				
		TBD	None	None	Description of Friendly Capability to Develop Enemy Nuclear Targets. A description of the means available for detecting and processing information regarding potential nuclear targets.
Des-Fri-Force-Activities	data structure				
		TBD	None	None	Description of Friendly Force Activities. A description of what the friendly force is doing. Activities may include attacking, defending, resupplying, resting.
Des-Fri-Force-Loc	basic data				
		TBD	None	None	Description of Friendly Force Location. Grid locations of friendly forces. Applicable to both nuclear and nonnuclear units.
Des-Fri-Force-Sit	data structure				
		Des-Fri-Force-Loc			
		Des-Fri-Force-Activities			
		Des-Stat-Curr-Msn-Accomp	None	None	Description of the Friendly Force Situation.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Des-Fri-Nuc-OPSEC-Msrs	data structure				
		TBD	None	None	Description of Friendly Nuclear Operations Security (OPSEC) Measures. Those measures being taken by friendly forces to conceal from the enemy any plans to employ nuclear weapons. Signal and physical security measures are included.
Des-FS-Aspects-Emp-Nuc-Wpns	data structure				
		Des-Nuc-Del-Sys-Sit-Status			
		Des-PNL-Status			
		Des-Curr-Nuc-Pack-Subpack-Stat			
		Des-Implic-Nuc-Conv-Fires-Int	None	None	Description of the Fire Support Aspects of the Employment of Nuclear Weapons. A description of the factors affecting nuclear weapons employment from a fire support perspective.
Des-HHQ-Guid-Ex-PIn-Nuc-PkgSub	data structure				
		TBD	None	None	Description of the Effect of Higher Headquarters Guidance on the Execution of Planned Nuclear Packages/Subpackages. A description of the effect of this guidance on the planned execution. This guidance may be based on the political or tactical situations or both.
Des-Higher-HQ-Nuc-Emp-Guid	data structure				
		Des-Nuc-Emp-Guid-HHQ-DirSOP			
		Des-Stat-Curr-Nuc-Emp-RegAuths			
		Descr-High-HQ-Nuc-Emp-Guid			
		Cdr's-Init-Planning-Guid			
		Cdr's-Suppl-Planning-guid			
					Description of Higher Headquarters Nuclear Employment Guidance. Higher headquarters guidance may include priority targets, acceptable troop safety considerations, employment authorization, and/or tactical/political considerations for employment.
Des-Imo-Nuc-Emp-Cvl-Fires					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure				
		TBD	None	None	Description of the Impact of Nuclear Employment on Conventional Fires. Description of how nuclear fires will affect the current capability of the force to deliver conventional fires.
Des-Imp-Nuc-Emp-Mvr	data structure				
		TBD	None	None	Description of the Impact of Nuclear Employment on Maneuver. A description of the anticipated effect nuclear employment will have on maneuver force operations. These effects must be analyzed to prevent detrimental effects on friendly forces by the employment of friendly nuclear weapons.
Des-Implic-Nuc-Conv-Fires-Int					
	alias: main name--	Descr-of-Implic-Nuc-Conv-Fires			
					Description of the Implications of Nuclear and Conventional Fires Integration. Coordination must be made for the use of target acquisition assets, positioning of the delivery means, and the effects on the total scheme of maneuver. Integration of nuclear and conventional fires must minimize assets usage while maximizing OPLAN/OPORD results.
Des-Intel-Aspects-Emp-NWpns	data structure				
		Des-Enmy-Nuc-Status			
		Des-Eff's-Weath-Terr-Emp-NW			
		Des-CI-Asp's-Emp-NW			
		Potential-Enemy-Igts	None	None	Description of Intel Aspects of the Employment of Nuclear Weapons. IA description of the factors affect nuclear weapons employment from an intelligence perspective.
Des-Lgl-Pol-Aspects-Emp-NWpns	data structure				
		Descr-Lgl-R'strnt-Emp-of-NWpns			
		Descr-Pol-R'strnt-Emp-of-NWpns	None	None	Description of the Legal and Political Aspects of the Employment of Nuclear Weapons. A description of the factors affecting the employment of nuclear weapons from a legal and political perspective.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Des-Log-Aspects-Emp-Nuc-Wpns	data structure				
		Descr-Nuc-Del-Sys-Log-Stat			
		Descr-NWpns-Trans-Supply-Stat	None	None	Description of the Logistics Aspects of the Employment of Nuclear Weapons. A description of the factors affecting the employment of nuclear weapons from a logistics perspective.
Des-Mtn-CapProj-Spt-NucDel-Sys	data structure				
		TBD	None	None	Description of the Maintenance Capabilities and Projections for Supporting Nuclear Delivery Systems. A description of the current and projected status of replacement items and maintenance effort for nuclear delivery systems and weapons.
Des-NASP-WHA-Caps	data structure				
		TBD	None	None	Description of Nuclear Ammunition Supply Point (NASP) and Warhead Holding Area (WHA) Capabilities. A description of the storage and handling capacities of each NASP and WHA to provide the necessary support for nuclear delivery units.
Des-Nuc-Del-Sys-Sit-Status	data structure				
		Des-Sur-Nuc-Del-Sys-ActCaps			
		Des-Sur-Nuc-Del-Sys-Locs			
		Des-Air-Nuc-Del-Sys-ActCaps			
		Descr-of-Nuc-Del-Sys-Sit-Stat		None	Description of the Nuclear Delivery System Situation and Status.
Des-Nuc-Emp-Guid-HHQ-DirSOP	data structure				
		TBD	None	None	Description of Nuclear Employment Guidance Contained in Higher Headquarters Directives/SOPs. Included are troop safety and civilian preclusion criteria, coordination among units, employment request and authorization procedures, and post-strike requirements, etc.

# DNA DATA DICTIONARY

NAME	DAT/TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Des-Nuc-Emp-Rqs	data structure	with-Dec-Pts			
		TBD	None	None	Description of Nuclear Employment Request/Authorization Decision Points. Those points at which the tactical commander must decide on the need to request or grant authority for employment of nuclear weapons.
Des-Rel-Cbt-Pwr-Fri-En-For					
	alias: main name--Des-Nuc-Spec-Rel-Cbt-Pwr-Fr-En				Description of the Nuclear Specific Relative Combat Power Between the Friendly and Enemy Forces.
Des-Nuc-Spec-Rel-Cap-Btlw-Fr-En	data structure		None	None	Description of the Nuclear-Specific Relative Capabilities Between the Friendly and Enemy Forces. A description of the relative nuclear capabilities of the enemy and the friendly forces.
Des-Nuc-Spec-Rel-Cbt-Pwr-Fr-En	data structure				
		Des-Nuc-Spec-Rel-Cap-Btlw-Fr-En			
		Des-Rel-Cvl-Cap-Btlw-Fr-En-Im-NW			
		Des-Nuc-Rel-Cbt-Pwr-Fri-En-For			
			Anal-of-Relative-Cmbt-Power		Description of the Nuclear Specific Relative Combat Power Between the Friendly and Enemy Forces.
Des-NW-Contrib-Msn-Acc-YCtin	data structure				
		TBD	None	None	Description of the Nuclear Weapons Contribution to Mission Accomplishment in Each Tactical Contingency. Advantages achieved by employing a nuclear weapon to support a tactical contingency. Some possible contributions include: shock, seize, or deny key terrain; destroy supply and communications facilities.
Des-Opnl-Read-Sptg-Nuc-Del-Sys	data structure				
		TBD	None	None	Description of Operational Readiness of Supporting Nuclear Delivery Systems. Included in this is the level of training of

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					the unit, number of personnel assigned, and maintenance status of assigned equipment.
Des-Ops-Aspects-Empl-Nuc-Wpns					
	data structure				
		Des-Higher-Hq-Nuc-Empl-Guid			
		Des-Fri-Force-Sit			
		Des-Nuc-Spec-Rel-Cbt-Pwr-Fr-En			
			None	None	Description of the Operational Aspects of the Employment of Nuclear Weapons. A description of the factors affecting nuclear weapons employment from an operational perspective.
Des-Pers-Aspects-Empl-Nuc-Wpns					
	data structure				
		Descr-of-Eff-Nuc-Empl-Fri-Pers			
		Descr-Fri-for-Cur-Rad-Exp-Stat			
			None	None	Description of the Personnel Aspects of the Employment of Nuclear Weapons. A description of the factors affecting nuclear weapons employment from a personnel perspective.
Des-PNL-Status					
	data structure				
		Descr-of-Prescr-Nuc-Load-Stat			
		Des-Del-Unit-Curr-Proj-PNLs			
		Des-Curr-Proj-PNS			
		Des-NASP-WHA-Caps			
					Description of the Prescribed Nuclear Load Status. A description of the nuclear weapons the unit has on-hand by yield and type and where they are located.
Des-Rel-Cvl-Cap-Btw-FrEn-Im-NW					
	data structure				
		TBD		None	Description of the Relative Conventional Capabilities Between Friendly and Enemy Forces as They Impact the Potential Use of Nuclear Weapons. A description of how relative conventional capabilities of friendly and enemy forces impact the necessity or likelihood of their respective use of nuclear weapons.
Des-Stat-Curr-Msn-Accomp					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure	TBD	None	None	Description of the Status of Current Mission Accomplishment. What the unit has accomplished in the pursuit of satisfying the requirements of the assigned mission.
Des-Stat-Curr-Nuc-Emp-ReqAuths	data structure				
		TBD	None	None	Description of Status of Current Nuclear Employment Requests and/or Authorizations. Where in the request/authorization chain a particular request for employment or grant of authorization is.
Des-Sur-Nuc-Del-Sys-ActCaps	data structure				
		TBD	None	None	Description of Surface Nuclear Delivery System Activities and Capabilities. The current activities and range, accuracy and payload capabilities of surface nuclear delivery systems.
Des-Sur-Nuc-Del-Sys-Locs	data structure				
>D		TBD	None	None	Description of Surface Nuclear Delivery System Location. The grid coordinate location of nuclear capable delivery systems.
Des-Tac-C'stan-NEmp-Rost-Auth	data structure				
>D		TBD	None	None	Description of the Tactical Circumstances for Nuclear Employment Request/Authorization. The tactical necessities as determined by the commander that would dictate the need to request a nuclear weapon employment authorization.
Descript-Des-Res-NWpn-Emp-TcIn	data structure				
>D		Des-Dam-Obj-NW-TcIn Des-NW-Contrib-Msn-Acc-TcIn			Description of the Desired Results of Nuclear Weapons Employment in Each Tactical Contingency. The results the commander expects to receive from using a nuclear weapon in a given situation.
Descript-Tac-Clin-NWpns-Csid-Use	data structure				
>D					

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		TBD	None	None	Description of Tactical Contingencies for Which Nuclear Weapons Must Be Considered for Use. A description by the tactical commander of those situations in which the staff must consider planning for the use of nuclear weapons.
Descr-CD-Mstrs-Ut-Plan-Civ-Pop					
>D	data structure				
		TBD	None	None	Description of the Civil Defense Measures Undertaken or Planned for the Civilian Populace. Precautions taken to protect the civilian population from the effects of nuclear detonations. These might include early warnings, fallout shelters, protected food, water and medical supplies.
Descr-Civ-Pop-Centers					
	data structure				
		TBD	None	None	Description of Civilian Population Centers. A map location by grid coordinates of those civilian population centers and their respective sizes.
Descr-Civ-Pop-Mvmts					
	data structure				
		TBD	None	None	Description of Civilian Population Movements. A description of current and anticipated movements by civilians in the area of operations which have potential impact on the employment of nuclear weapons.
Descr-Cur-Fr-For-RES					
	alias; main name--	Descr-Fri-For-Cur-Rad-Exp-Stat			
					Description of Current Friendly Force Radiation Exposure Status (RES). The amount of radiation exposure from either friendly or enemy nuclear detonation. It is expressed in of five states--RES-0 to RES-4. It is calculated as a total cumulative dose.
Descr-Curr-Guid-Rad-Exp-Levels					
	data structure				
		TBD	None	None	Description of Current Guidance on Radiation Exposure Levels. Commanders will specify in their guidance what radiation exposure level they are willing to accept for their soldiers. They will state an acceptable RES level.



DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Descr-Dam-Obj-NWpns					
Alias					
					Description of the Damage Objectives for Nuclear Weapons.
Descr-Eff-Civ-Pop-Mvmts-NW-Emp					
>D	data structure				
	TBD		None	None	Description of the Effects of Civilian Population Movements on Nuclear Weapons Employment. The expected impact of known civilian population movements on the use of nuclear weapons in the area of operations.
Descr-Eff-NW-Civ-Pop-Mvmts					
>D	data structure				
	TBD		None	None	Description of the Effects of Nuclear Weapons on Civilian Population Movements. A description of what effects are expected on transient civilian groups or organized civilian movements by the use of nuclear weapons in the area of operations.
Descr-Eff-NWpns-Emp-Ref-Ctrl					
	data structure				
		Descr-Civ-Pop-Mvmts			
		Descr-Eff-NW-Civ-Pop-Mvmts			
		Descr-Eff-Civ-Pop-Mvmts-NW-Emp			Description of the Effects of Nuclear Weapons Employment on Refugee Control. A description of the effects which nuclear weapons are likely to have on current refugee control efforts.
Descr-Fri-For-Cur-Nad-Exp-Stat					
	data structure				
		Descr-Cur-Fri-for-Res			
		Descr-Curr-Guid-Rad-Exp-Levels			Description of Friendly Force Current Radiation Exposure Status (RES). Based on previous exposure to radiation, friendly & threat, friendly units are classed in one of four RES: RES 0 to RES 3. Safety calculations may have to consider RES.
Descr-Fri-For-Sit					

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure				
	TBD		None	None	Description of the Friendly Force Situation.
Descr-High-HQ-Nuc-Emp-Guid					
	alias: main name--Des-Higher-HQ-Nuc-Emp-Guid				
					Description of Higher Headquarters Nuclear Employment Guidance.
Descr-Impl-Civ-Pop-Emp-NWpns	data structure				
		Descr-Civ-Pop-Centers			
		Descr-CD-Msrs-Ut-Plan-Civ-Pop			
			None	Civ-Pop-Locs	
				Civ-Pop-Mvmts	
				Ci Industrial-Resource-Locs	
				Civ-Cult-Resource-Locs	
				Civ-Trans-Resource-Status	
					Description of the Impact on the Civilian Populace of the Employment of Nuclear Weapons. Destruction or contamination of civilian population and industrial centers may occur resulting in immediate or long term casualties. Displacement from areas of planned attack may occur which will crowd evacuation routes and create large numbers of refugees needing aid.
Descr-Lgl-R'strnt-Emp-of-NWpns	data structure				
	TBD		None	None	Description of the Legal Restraints on the Employment of Nuclear Weapons.
Descr-Nuc-Asps-D'cpt-Conc	data structure				
	TBD		None	None	Description of the Nuclear Aspects of the Deception Concept. A description of the role of nuclear weapons in the concept for deception operators which is included in the deception annex to the OPLAN/OPORD.
Descr-Nuc-Del-Sys-Log-Stat					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure				
		Des-Opnl-Read-Sptg-Nuc-Del-Sys			
		Des-Mtr-CapProj-Spt-NucDel-Sys	None	None	Description of Nuclear Delivery System Logistic Status.
					A description of the status of nuclear delivery systems and replacement items of supporting and subordinate units.
Descr-NW-Acct-Reqmts	data structure				
		TBD	None	None	Description of Nuclear Weapons Accountability Requirements.
					A description of the regulatory requirements established for the accountability of nuclear weapons.
Descr-NW-Spt-Dcpt-Obj	data structure				
		TBD	None	None	Description of the Nuclear Weapons-Supported Deception Objective. A description of the objective of deception plans in which nuclear weapons employment planning is to provide deception support.
Descr-NW-Trans-Caps	data structure				
		TBD	None	Class-V-Trans-Constr's	Description of Nuclear Weapons Transportation Capabilities.
					A description of the resources available for the movement of nuclear weapons within the area of operations.
Descr-NWps-Trans-Supply-Stat	data structure				
		Descr-NW-Trans-Caps			
		Descr-NW-Acct-Reqmts	None	None	Description of Nuclear Weapons Transportation and Accountability Status. A description of the status and capability of organic and supporting transportation and ammunition supply systems to receive, store, and deliver nuclear weapons.
Descr-of-Curr-Nuc-Pack	data structure				
		TBD	None	None	Description of Current Nuclear Package/Subpackage. Purpose of A description of the purpose and composition of force nuclear

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					weapons packages/subpackages, higher headquarters packages, and/or subordinate unit subpackages.
Descr-of-Eff-Nuc-Emp-Fri-Pers data structure					
		Des-Eff-En-Nuc-Emp-Fri-for-Cas			
		Des-Eff-NW-Emp-Fri-Morale	None	None	Description of the Effects of Nuclear Employment on Friendly Personnel. Whether a friendly or enemy nuclear detonation, it can cause stress, confusion, and isolation. The shock of a nuclear weapon being detonated on the battlefield will slow unit response and individual reaction time.
Descr-of-Impli-Nuc-Conv-Fires data structure					
		Des-Imp-Nuc-Emp-Cvl-Fires			
		Des-Imp-Nuc-Emp-Mvr			
			Des-Impli-Nuc-Conv-Fires-Int		
			None		Description of the Implications of Nuclear and Conventional Fires Integration. Coordination must be made for the use of target acquisition assets, positioning of delivery means, and the effects on the total scheme of maneuver must be assessed. Integration of nuclear and conventional fires must minimize assets usage while maximizing OPLAN/OPOPD results.
Descr-of-Nuc-Del-Sys-Sit-Stat alias; main name--Des-Nuc-Del-Sys-Sit-Status					
					Description of the Nuclear Delivery System Situation and Status.
Descr-of-Prescr-Nuc-Load-Stat alias; main name--Des-PNL-Status					
					Description of the Prescribed Nuclear Load (PNL) Status.
Descr-Pol-R'strnt-Emp-of-NWpn data structure					
		TBD	None	None	Description of the Political Restraints on the Employment of Nuclear Weapons. Restrictions placed by countries on the use of nuclear weapons. These political restraints are considered during the planning process.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Descr-Pot-Emmy-Nuc-COAs	data structure				
		TBD	Descr-Pot-Emmy-Nuc-COAs	None	Description of Potential Enemy Nuclear Courses of Action (COA). The plan the enemy may pursue to accomplish a task or mission. The potential COA would be ascertained by the collection of data by intelligence sources, enemy characteristics, and analysis of enemy options.
Descr-Pose-NW-CF-Ops	data structure				
		TBD	None	None	Description of the Purpose of Nuclear Weapons in Covering Force (CF) Operations.
Descr-Pose-NW-Close-Ops	data structure				
		TBD	None	None	Description of the Purpose of Nuclear Weapons in Close Operations.
Descr-Pose-NW-Deep-Ops	data structure				
		TBD	None	None	Description of the Purpose of Nuclear Weapons in Deep Operations.
Descr-Role-NW-Decpt-Ops	data structure				
		TBD	None	None	Description of the Role of Nuclear Weapons in Deception Operations. A description of how simulated nuclear employment related activity is to play in overall deception operations.
Descr-Role-NW-Ea-COA	data structure				
		TBD	None	None	Description of the Role of Nuclear Weapons in Each Course of Action.
Descr-Spec-Msrs-Prot-Nuc-Res	data structure				
		TBD	None	None	Description of Spec Measures to be taken, which are beyond normal nuclear weapons measures to protect nuclear resources.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					security standing operating procedures (SOP).
Descr-SpecMrs-Hide-NucEmp-Int					
	data structure				
		TBD	None	None	Description of Special Measures to Hide Nuclear Employment Intentions. Increased awareness of OPSEC measures such as radio security, information security, camouflage and physical security which exceed measures called for in unit SOPs.
Description-Enemy-Nuc-Status					
	alias; main name--	Des-Enemy-Nuc-Status			
					Description of Enemy Nuclear Status.
Descrp-Pot-Enmy-Nuc-COAs					
	alias; main name--	Descr-Pot-Enmy-Nuc-COAs			
					Description of Potential Enemy Nuclear Courses of Action.
Descrpt-Fcoming-Nuc-Empl-Ops					
	data structure				
		Outline-Nature-Nuc-Ops			
		Outline-Locs-Nuc-Ops			
		Outline-Timing-Nuc-Ops			
		None	None	None	Description of Forthcoming Nuclear Employment Operations. Plans or operations that the commander and his staff are planning that call for the use of nuclear weapons.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Descript-of-P'pose-NWpns-Cbt-Op	data structure				
		Descr-P'pose-NW-CF-Ops			
		Descr-P'pose-NW-Deep-Ops			
		Descr-P'pose-NW-Close-Ops			
		None	None	None	Description of the Purpose of Nuclear Weapons in Combat Operations. The purpose of nuclear weapons in combat operations is part of the commander's concept.
Desired-Mod-to-Target-Behavior	data structure				
		TBD	None	None	Desired Modification to Target Behavior. The change in activity of a given target which is desired from a nuclear attack of the target.
Df-Crit-Nuc-Tqts	data structure				
		TBD	None	None	Defeat Criteria for Nuclear Targets. Criteria established by the commander for defeat of a target to be attacked by a nuclear weapon. Usually expressed in % of damage to a target.
Dir-Dev-Alt-NWpns-Spt-COA	data structure				
		TBD	Dir-Dev-Alt-NWpns-Spt-COA	None	
					Direction to Develop an Alternative Nuclear Weapons-Supported Course of Action. A commander's direction to his staff to develop one or more alternative nuclear weapons-supported Courses of Action.
Dir-Dev-Alt-NWpns-Spt-COA	alias; main name--Dir-Dev-Alt-NWpns-Spt-COA				
					Direction to Develop an Alternative Nuclear Weapons-Supported Course of Action.
Dir-Encoded-for-Trans	data structure				
		TBD	None	None	Directives Encoded for Transmission. Those directives that have been encoded and are now ready to be transmitted over a communications means.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Dir-F'matted-for-T'msn					
	data structure				
		Dir-Encoded-for-Trans			
		Enc-Dir-Sec-CI-Affixed			
		Enc-Dir-Sec-CI-Aff-Prec-Asgnd			
		Enc-Dir-SCI-DTG-Aff-Prec-Asgnd			Directives Formatted for Transmission. Directives which have been placed in a format which facilitates their transmission over a communications means.
Dir-Red'rm-Nuc-Emp-C'cpt					
	data structure				
		Dir-Dev-Alt-NWpns-Spt-COA			Directive to Redetermine the Nuclear Employment Concept. A commander's direction to his staff to redevelop an unacceptable nuclear employment concept recommendation.
Dir-Routed-for-Trans					
	alias: main name--Dir-Rtd-for-T'msn				Directives Routed for Transmission.
Dir-Rtd-for-T'msn					
	data structure				
	TBD		Dir-Routed-for-Trans	None	Directives Routed for Transmission. Directives that have been addressed for transmission to a particular recipient.
Directives					
	data structure				
		NWpns-Emp-IP-Commo-Elec-Anx			
		Orders-Plans			Directives. Verbal or written orders, plans, and letters of instruction.
Disadv-Assoc-Emp-NW-Ea-COA					
	data structure				
	TBD		None	None	Disadvantages Associated with the Employment of Nuclear Weapons in Each Course of Action (COA). Factors that are considered drawbacks to use of a nuclear weapon to support



## DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					an operation, such as obstacles, contamination or effects on troops
Div-Cdr-Apvd-NW/pns-Subpack	data structure				
		TBD			
			None	None	Division Commander Approved Nuclear Weapons Subpackage. A nuclear weapons subpackage developed in support of division operations and approved by the division commander.
Doc-Asgmt-Comms-Prior	data structure				
		TBD	None	None	Doctrine on Assignment of Communications Priorities. Procedures describing how to establish priorities for the use of communications within a given situation.
Doc-Commo-Mgmt-Planning	data structure				
		Doc-Est-Ea-Nets			
		Doc-Asgmt-Comms-Prior			Doctrine on Communications Management Planning. Procedures on managing various communications systems used by the armed forces.
Doc-Empl-ReqAuth-P'dures	Undefined Entry				
Doc-Est-EA-Nets	data structure				
		TBD	None	None	Doctrine on Establishment of Emergency Action Nets. Official publications that prescribe the procedures to be used to establish Emergency Action Nets. One of the basic documents is JCS Publication 13.
Doc-Integr-Nuc-Conv-Fires	data structure				
		TBD	None	None	Doctrine on Integration of Nuclear and Conventional Fires. Procedures identified in doctrinal publications that described the methods for integration of nuclear and conventional fire support.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Doc-Nuc-FC-Msrs	data structure				
	TBD		None	None	Doctrine on Nuclear Fire Control Measures. Tactics, techniques, and procedures for the establishment of measures to control nuclear fires.
Doc-Prot-NWpns-Indicators	data structure				
	TBD		None	None	Doctrine on Protection of Nuclear Weapons Indicators. Tactics, techniques, and procedures which guide efforts to disguise the indicators of potential nuclear weapons employment.
Doc-Sec-Nuc-Rel-Mat'l-Info	data structure				
		EMAS-NRAS-Phys-Sec-Reqmts			
		Phys-Sec-Rqts-Trans-Stor-SAS-MII			
		SAS-Authent-Reqmts			
		Emsn-Sec-Rqts-Trans-SAS-Info			
					Doctrine on Security of Nuclear-Related Materials and Information. Procedures defined in publications that prescribe security requirements for nuclear weapons or material related to their employment.
Doc-Suitable-Nuc-Tgts	data structure				
	TBD		None	None	Doctrine on Suitable Nuclear Targets. Information extracted from publications that describe appropriate targets for nuclear weapons.
Doctrine	data structure				
		Authorization-Documents			
		Comms-Doc			
		Nuc-Wpns-Emp-Doc			
		Intelligence-Doctrine			
		Fire-Spt-Doc			
					Doctrine. Principles, tactics, techniques, and procedures relating to the conduct of US military operations.
Dscr-Nuc-Emp-Req-Auth-Dec-Pts					

## DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure				
	TBD		None	None	Description of the Nuclear Employment Request and Authorization Decision Points. The points at which a commander or staff must make a decision when, where, and how to request authorization and to employ a nuclear weapon in order to facilitate an ongoing mission
Dirm-Acc-Risk-Der-fr-Dir	data structure				
	TBD		None	None	Determination of Acceptable Risk Derived from Directives. The degree of acceptable risk in the employment of nuclear weapons which is stated or implied in Directives.
Dirm-Acc-Risk-Der-HCdr-Int	data structure				
	TBD		None	None	Determination of the Acceptable Risk Derived from Higher Commander's Intent. The degree of acceptable risk in the employment of nuclear weapons which is implied by the commander's intent.
Dirm-Risk-HCdr-Acpt-Empl-NWpns	data structure				
	Dirm-Acc-Risk-Der-Fr-Dir				
	Dirm-Acc-Risk-Der-HCdr-Int				
			None	None	Determination of the Risk the Higher Commander is Willing to Accept in the Employment of Nuclear Weapons. Combination of the two preceding entries.
Eff-Wind-Tgt-Atk-Seq	data structure				
	TBD		None	None	Effects of Wind on Target Attack Sequence. A determination of the effects of wind in the drift direction and speed of nuclear clouds as it impacts the potential preinitiation of subsequent weapons.
Effects-Terr-on-Comms	data structure				
	TBD		None	None	Effects of Terrain on Communications. Many communications systems employed by the armed services are line-of-sight.
Effects-Weather-on-Comms	data structure				

## DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		TBD	None	None	Effects of Weather on Communications. Atmospheric conditions can have an effect on electronic communications means. Can effect range of equipment and distort reception.
EMAS-NRAS-Auth-Reqmts	data structure				
		TBD	None	None	Emergency Message Authentication System (EMAS)/Nuclear Release Authentication System (NRAS) Authorization Requirements. Requirements of these systems are outlined in JCS Publication 13 as supplemented by command level implementing regulations.
EMAS-NRAS-Phys-Sec-Reqmts	data structure				
		TBD	None	None	Emergency Message Authentication System (EMAS)/Nuclear Release Authentication System (NRAS) Physical Security Requirements. These requirements are set forth in JCS publications, DOD manuals and command level implementing instructions.
Emer-Action-Procedures	data structure				
		TBD	None	None	Emergency Action Procedures (EAP). The procedures for transmitting, receiving, and authentication of nuclear control orders.
Emsn-Sec-NWpns-Rel-Commo	data structure				
		Plan-Empl-COMSEC-Matls			
		Emsn-Sec-Pro-NWpns-Rel-Commo		None	Emission Security Procedures for Nuclear Weapons-Related Communications. These procedures involve managing the use of the electromagnetic spectrum by our forces to control electronic emissions from our commo systems in order to increase survivability of nuclear weapons.
Emsn-Sec-Pro-NWpns-Rel-Commo	alias: main name--Emsn-Sec-NWpns-Rel-Commo				
					Emission Security Procedures for Nuclear

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					Weapons-Related Communications.
Emsn-Sec-Rqts-Trans-SAS-Info	data structure	TBD	None	None	Emission Security Requirements for Transmission of Sealed Authentication System-Related Information. Procedures necessary to protect from interception by the enemy transmission of secure data relating to the release and employment of nuclear weapons.
Enc-Dir-SCI-DTG-Aff-Prec-Asgnd	data structure				
		TBD	None	None	Encoded Directives with Security Classification and Date-Time-Group Affixed and Precedence Assigned. Directives prepared, addressed, classified, and dated for transmission
Enc-Dir-Sec-CI-Aff-Prec-Asgnd	data structure				
		TBD	None	None	Encoded Directives with Security Classification Affixed and Precedence Assigned.
Enc-Dir-Sec-CI-Affixed	data structure				
		TBD	None	None	Encoded Directives with Security Classification Affixed.
Enc-Req-SCI-DTG-Aff-Prec-Asgnd	data structure				
		TBD	None	None	Encoded Requests with Security Classification and Date-Time-Group Affixed and Precedence Assigned.
Enc-Req-Sec-CI-Aff-Prec-Asgnd	data structure				
		TBD	None	None	Encoded Requests with Security Classification Affixed and Precedence Assigned.
Enc-Rpt-SCI-DTG-Aff-Prec-Asgnd	data structure				
		TBD	None	None	Encoded Reports with Security Classification and Date-Time-Group Affixed and Precedence Assigned.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Enc-Rpts-Sec-CI-Aff-Prec-Asnd	data structure				
	TBD		None	None	Encoded Reports with Security Classification Affixed and Precedence Assigned.
Enc-Rpts-Sec-CI-Affixed	data structure				
	TBD		None	None	Encoded Reports with Security Classification Affixed.
Encoded-Regs-Sec-Class-Affixed	data structure				
	TBD		None	None	Encoded Requests with Security Classification Affixed.
Enemy	data structure				
	TBD		None	None	Enemy. The opposing force.
Enemy-Damage-Diff	data structure				
	TBD		None	None	Enemy Damage Differential. The reduction in enemy combat power caused by a nuclear detonation as compared to the desired reduction in enemy combat power.
Enemy-Intel-Collection-Cap	data structure				
	Enemy-SIGINT-Cap's				
	Enemy-Recon-Cap's		Enemy-Inte.	Collection-Cap	
			None	None	Enemy Intelligence Collection Capabilities. The enemy's ability and means to gather intelligence information about friendly force nuclear capabilities or intentions.
Enemy-Recon-Cap's	data structure				
	TBD				
			Enemy-Recon-Caps	None	Enemy Reconnaissance Capabilities. The enemy's ability and means to conduct reconnaissance missions against friendly force nuclear activities.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Enemy-Recon-Caps					
	alias: main name--Enemy-Recon-Cap's				Enemy Reconnaissance Capabilities.
Enemy-Sab-Subv-Indica					
	alias: main name--Enemy-Sab-Subv-Indics				Enemy Sabotage and Subversion Indicators.
Enemy-Sab-Subver-Indica					
	alias: main name--Enemy-Sab-Subv-Indics				Enemy Sabotage and Subversion Indicators.
Enemy-SIGINT-Cap's					
	data structure				
	TBD				
			Enemy-SIGINT-Caps		
				None	Enemy Signal Intelligence (SIGINT) Capabilities. The ability of the enemy to collect and evaluate information derived from communications and electronic means concerning friendly force nuclear activities.
Enemy-SIGINT-Caps					
	alias: main name--Enemy-SIGINT-Cap's				Enemy Signal Intelligence (SIGINT) Capabilities.
Enemy-Caps					
	data structure				
	TBD				
			None	None	Enemy Capabilities. The combat capabilities of the enemy force for conducting offensive and defensive operations.
Enemy-Intel-Collection-Cap					
	alias: main name--Enemy-Intel-Collection-Cap				Enemy Intelligence Collection Capabilities.
Enemy-Nuc-Intent					
	data structure				
	TBD				
			None	None	Enemy Nuclear Intentions. Enemy intentions to employ nuclear weapons.
Enemy-Nuc-Sys					

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure	None	None	None	Enemy Nuclear Systems. Delivery systems employed by the enemy to deliver a nuclear weapon. Can be rocket, cannon, missile, or aircraft.
Enemy-OB	data structure	None	None	None	Enemy Order of Battle. The identification, strength, command structure and disposition of the enemy force.
Enemy-Sab-Subv-Indics	data structure	None	None	None	
		Enemy-Sab-Subv-Indica	None	None	
		Enemy-Sab-Subv-Indica	None	None	
		Enemy-Sab-Subv-Indica	None	None	Enemy Sabotage and Subversion Indicators. Anything that would provide information that the enemy was performing acts of sabotage or gaining information by subversive means.
Essential-Nuc-Empl-Tasks	data structure	TBD	None	None	Essential Nuclear Employment Tasks. The tasks that need to be performed by both planners and delivery units to ensure mission accomplishment.
Est-NW-Dam-Contrib	data structure	TBD	None	None	Estimation of Nuclear Weapons Damage Contribution. An estimation of the contribution which a nuclear package or subpackage will make toward the overall damage required on the enemy force.
Estimates	data structure	Cdr-Staff-Estimates	None	None	Estimates. Estimates of the situation.
Eval-Nuc-Wpns-Pack	data structure				
		Compo-Pose-PkgSubpkg-COA			



DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		Est-NW-Dam-Contrib			
		Com-Ppse-PkgSub-NucRes-Av-Plan			
		Rev-Ppse-PkgSub-Pcl-TrSat-Comp			
		Eval-NWwpns-Pack			
			None		Evaluated Nuclear Weapons Package. A staff evaluation of a nuclear weapons package to ensure its compliance with command guidance and intent and provide for flexibility in mission accomplishment.
Eval-Nuc-Wpns-Pack-Subpack					
	data structure				
		Initial-Target-Aimpoint's			
		Wpns-Yields-HOBs-Each-ID'd-Tgt			
		Ppose-Nuc-Pack-Subpack			
		Eval-Nuc-Wpns-Pack			
		Eval-Nuc-Wpns-Subpack			
		Adj-to-Nuc-Wpns-Pack-Subpack			
		App-Nuc-Wpns-Pack			
		App-Nuc-Wpns-Subpack			
		Rqmt-to-Redev-Nuc-Pack-Subpack			
			None	None	Evaluated Nuclear Weapons Package/Subpackage. Staff evaluation of a nuclear weapons package/subpackage to ensure its compliance with command guidance and intent.
Eval-Nuc-Wpns-Subpack					
	data structure				
	TBD		Eval-NWwpns-Subpack		
			None		Evaluation of the Nuclear Weapons Subpackage. A staff evaluation of a nuclear weapons subpackage to ensure its compliance with command guidance and intent.
Eval-NWwpns-Pack					
	alias; main name--	Eval-Nuc-wpns-Pack			
					Evaluated Nuclear Weapons Package.
Eval-NWwpns-Subpack					
	alias; main name--	Eval-Nuc-Wpns-Subpack			
					Evaluated Nuclear Weapons Subpackage.
Ext-Sit-Repis					

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure				
		Nuc-Del-Sit-Rpts			
		Mvr-Unit-Sit-Rpts			
		CSS-Unit-Sit-Rpts			
		Host-Nation-Rpts			
		Adj-Hq-Sit-Rpts			
		Sub-Unit-Intel-Rpts			
		Tgt-Acq-Unit-Sit-Rpts	None	None	External Situation Reports. Reports from higher, lower, or adjacent headquarters which provide information on the general situation and reports from subordinate headquarters which describe their situation.
Ext-Stat-Repts					
	data structure				
		Nuc-Del-Status-Rpts			
		Mvr-Unit-Stat-Rpts			
		CSS-Status-Rpts			
		Tgt-Acq-Unit-Stat-Rpts			
		Comms-Unit-Stat-Rep	None	None	External Status Reports. Reports from subordinate headquarters which provide information on their respective personnel, equipment, and/or supply status.
External-Reports					
	data structure				
		Ext-Stat-Repts			
		Ext-Sit-Repts			
		Host-Nation-Rpts	None	None	External Reports. Situation and/or status reports from external headquarters.
Fmats-for-Nuc-Related-Comms					
	data structure				
	TBD				
			Fmats-NWpns-Related-Commo		
			None		Forriats for Nuclear Weapons-Related Communications.
					Prescribed sequences or ordering of information for communications involving the employment of nuclear weapons.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
F'mats-NWpns-Related-Commo					
	alias; main name--F'mats-NWpns-Related-Commo				Formats for Nuclear Weapons-Related Communications.
F'matted-As-Reqd-Sit-Rpts					
	data structure				
	TBD		None	None	Formatted As-Required Situation Reports. ^s-required situation reports which are in the proper format.
F'matted-As-Reqd-Stat-Rpts					
	data structure				
	Id'd-Periodic-Rep't'g-Reqmt				
	Id'd-AsReqd-Rep't'g-Reqmt		None	None	Formatted As-Required Status Reports. As-required status status reports which are in the proper format.
F'matted-CSS-Status-Rpts					
	data structure				
	TBD		None	None	Formatted Combat Service Support Stat's Reports. Combat service support status reports placed in the proper format.
F'matted-Fire-Orders					
	data structure				
	TBD		None	None	Formatted Fire Orders. Fire orders placed in the proper format.
F'matted-Init-Warning-Ord					
	data structure				
	TBD		None	None	Formatted Initial Warning Order Input. An initial warning order placed in the proper format.
F'matted-Nuc-Emp-Auth					
	data structure				
	Nuc-Yields-Auth-Empl				
	Nuc-Del-Sys-Auth-Empl		None	None	Formatted Nuclear Employment Authorization. Authorization for employment of a nuclear weapon placed in the proper format.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Fmatted-Nuc-Emp-Req	data structure				
	TBD		None	None	Formatted Nuclear Employment Request. Request for employment of a nuclear weapon placed in the proper format.
Fmatted-Orders					
	alias: main name--Formatted-Orders				Formatted Orders. Orders placed in the proper format.
Fmatted-Orders-Plans					
	alias: main name--Formatted-Orders-Plans				Formatted Orders/Plans.
Fmatted-Periodic-Sit-Rpts	data structure				
	TBD		None	None	Formatted Periodic Situation Reports. Periodic situation reports placed in the proper format.
Fmatted-Periodic-Stat-Rpts	data structure				
	TBD		None	None	Formatted Periodic Status Reports. Periodic status reports placed in the proper format.
Fmatted-Plan-Nuc-Emp	data structure				
	TBD		None	None	Formatted Plan for Nuclear Employment. A plan for the employment of nuclear weapons placed in the proper format.
Fmatted-Plans					
	alias: main name--Formatted-Plans				Formatted Plans.
Fmatted-Reports	data structure				
	TBD		None	None	Formatted Reports. Reports placed in the proper format.
Fmatted-Req-for-Info					
	alias: main name--Formatted-Req-for-Info				Formatted Requests for Information.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
F'matted-Req-for-Sit-Update	alias; main name--Formatted-Regs-for-Sit-Upd				Formatted Requests for Situation Updates.
F'matted-Regs-Air-Spt	data structure				
	TBD		None	None	Formatted Requests for Air Support. Requests for air support placed in the proper format.
F'matted-Regs-Del-Spt	data structure				
	TBD		None	None	Formatted Requests for Delivery Support. A properly formatted request to a higher or supporting headquarters for delivery support.
F'matted-Regs-Rpts	data structure				
	Collated-Info-on-Curr-Sit				
	F'matted-Sit-Reports-Requests				
	Formatted-Status-Rpts				
	F'Matted-Requests-for-Support		None	None	Formatted Requests and Reports. Requests and reports placed in the proper format.
F'matted-Regs-Sen-Spt	data structure				
	TBD		None	None	Formatted Requests for Sensor Support. A properly formatted request for sensor support to a higher or supporting headquarters.
F'Matted-Requests-for-Info	alias; main name--Formatted-Req-for-Info				
					Formatted Requests for Information. A properly formatted request for information to a higher or supporting headquarters.
F'Matted-Requests-for-Support	data structure				
	F'matted-Regs-Sen-Spt				
	F'matted-Regs-Del-Spt				
	F'matted-Regs-Air-Spt		None	None	Formatted Requests for Support. Properly formatted requests for support to a higher or supporting headquarters.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
F'matted-Sit-Reports-Requests	data structure				
		F'matted-Sit-Rpts			
		F'matted-Nuc-Emp-Req			
			Formatted-Sit-Rpts-Requests		
			None		Formatted Situation Reports/Requests. Properly formatted situation reports and requests to a higher headquarters.
F'Matted-Sit-Status-Reports	data structure				
		Formatted-Sit-Rpts			
		Formatted-Status-Rpts			
			None		Formatted Situation/Status Reports. Properly formatted situation and status reports to a higher or supporting headquarters.
F'matted-STRIKEWARN-Msg	data structure				
		SW-A1a			
		SW-Delta			
		SW-Foxtrot-1			
		SW-Hotel			
		SW-India			
		SW-Foxtrot-2			
		SW-Foxtrot-3			
			None		Formatted STRIKEWARN Message. The commander executing the nuclear strike issues the initial warning. The messages are disseminated as rapidly as possible, and, in so far as possible, over secure networks. Not all units should receive the entire message, only specific instructions about protective measures to take if they are in an area of risk.
F'matted-Suppl-Warn-Ord-Input	data structure				
		TBD			
			None		Formatted Supplemental Warning Order Input. Nuclear weapons related input to a supplemental warning order placed in the proper format.
F'matted-Tgt-Atk-Warn-Ord					

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure				
	TBD		None	None	Formatted Target Attack Warning Order. A target attack warning order placed in the proper format.
F'matted-Warning-Order					
	data structure				
		F'matted-Init-Warning-Ord			
		F'matted-Subs-Warning-Ord			
		F'matted-Tgt-Atk-Warn-Ord			
		Critical-Planning-Info			
		Descript-F'coming-Nuc-Empl-Ops			
		Subord-Orgn-Prep-Rqmts			
		F'matted-Suppl-Warn-Ord-Input			
			F'matted-Warning-Ord-Input		
				None	Formatted Warning Order Input. A warning order to a subordinate or supporting unit placed in the proper format.
F'matted-Warning-Ord-Input					
	alias; main name--F'matted-Warning-Order				
					Formatted Warning Order Input.
FA-Spt-Plan					
	data structure				
		Arty-Convlt-Tgt-List			
			None	None	Field Artillery Support Plan. Field Artillery specific instructions which form an appendix to the fire support annex of the OPORD/PLAN.
Facts-A'smp-R'grd-Empl-NWpns					
	data structure				
		Facts-P'tain-to-Empl-NWpns			
		Asumpt-P'tain-to-Empl-NWpns			
			None	None	Facts and Assumptions Regarding the Employment of Nuclear Weapons. Facts and assumptions gathered by the commander and the staff when planning the use of a nuclear weapon to support an operation.
Facts-P'tain-to-Empl-NWpns					
	data structure				
	TBD		None	None	Facts Pertaining to the Employment of Nuclear Weapons. Facts

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					having a bearing on the potential employment of a nuclear weapon.
Fire-Orders	data structure				
	TBD		None		Fire Orders. Orders to nuclear delivery units to commence a nuclear weapons attack.
Fire-Spt-Doc					
	data structure				
		Nuc-Del-Sys-Doctrine			
			Fire-Support-Doctrine		
			None		Fire Support Doctrine. Principles, tactics, and techniques used to employ fire support assets.
Fire-Support-Doctrine					
	alias: main name--Fire-Spt-Doc				
					Fire Support Doctrine.
Forecast-Nuc-Tgt-Activs					
	data structure				
	TBD		None		Forecasted Nuclear Target Activities. Predicted enemy nuclear target activities.
O-R'strct-Empl-Nuc-Wpons					
	data structure				
	TBD		None		Fallout Restrictions on the Employment of Nuclear Weapons. Established by the commander in his guidance on what limits he is placing on how much fallout he will accept or expose his command to.
Formatted-CSS-Status-Rpts					
	data structure				
	TBD		None		Formatted Combat Service Support (CSS) Reports. CSS reports placed in the proper format.
Formatted-Directives					
	data structure				
	Comms-Doc				
	Formatted-Orders-Plans				
			None		Formatted Directives. Directives placed in the proper format.



DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Formatted-Nuc-Del-Sit-Rpts	data structure				
	TBD		None	None	Formatted Nuclear Delivery Situation Reports. Reports in a format that prepares them for transmission.
Formatted-Nuc-Del-Status-Rpts	data structure				
	TBD		None	None	Formatted Nuclear Delivery Status Reports. Status report depicting the nuclear delivery that have been formatted for transmission.
Formatted-Orders	data structure				
	Orders				
	Comms-Doc				
	F'matted-Nuc-Emp-Auth				
	F'matted-Fire-Orders				
	List-Fri-Forces-to-be-Warned				
	F'matted-Orders			None	Formatted Orders. Orders that have been placed in proper format.
Formatted-Orders-Plans	data structure				
	F'matted-STRIKEWARN-Msg				
	Apvd-Nuc-Emp-IP-to-OPORD-Plan				
	F'matted-Warning-Ord				
	F'matted-Nuc-Emp-Auth				
	F'matted-Fire-Orders				
	Mod-to-Rec-Ord-Plan-Nuc-Emp				
	Nuc-Emp-IP-to-OPORD-Plan				
	Min-Safe-Dist				
	List-Fri-Forces-to-be-Warned				
	STRIKEWARN-Times				
	F'matted-Orders-Plans			None	Formatted Orders/Plans. Orders and plans that are of a prescribed format.
Formatted-Plans					

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure				
	Comms-Doc Plans				
		F'matted-Plans			
			None		Formatted Plans. Plans that have been placed in the proper format
Formatted-Req-for-Info					
	data structure				
	Info-Needs				
	Id'd-Sources-of-Info				
	Formatted-Regs-for-Stat-Upd				
	Formatted-Regs-for-Sit-Upd				
		F'Matted-Requests-for-Info			
		F'matted-Req-for-Info			
			None		Formatted Requests for Information. Requests for information that are formatted.
Formatted-Regs-for-Sit-Upd					
	data structure				
	TBD				
		F'matted-Req-for-Sit-Update			
			None		Formatted Requests for Situation Updates. See above.
Formatted-Regs-for-Stat-Upd					
	data structure				
	TBD		None		Formatted Requests for Status Update. See above.
Formatted-Sit-Rpts					
	data structure				
	F'matted-Periodic-Sit-Rpts				
	Comms-Doc				
	F'matted-As-Reqd-Sit-Rpts				
		None		None	Formatted Situation Reports. Situation reports that have been formatted.
Formatted-Sit-Rpts-Requests					
	alias; main name--F'matted-Sit-Reports-Requests				
					Formatted Situation Reports Requests. Requests for situation reports that have been formatted.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Formatted-Status-Rpts					
	data structure				
		Formatted-Periodic-Stat-Rpts			
		Formatted-As-Reqd-Stat-Rpts			
		None	None		Formatted Status Reports. Status reports that have been formatted.
Fri-Forces-Located-Within-MSDs					
	data structure				
	TBD	None	None		Friendly Forces Located Within Minimum Safe Distance Areas. Troops located with the MSDs are the minimum distance in meters from DGZ at which risk and vulnerability will not be exceeded with a 99% assurance.
Fri-Unit-Prot-Levels					
	data structure				
	TBD	None	None		Friendly Unit Protection Levels. Current troop protection levels of units, e.g. open, open foxholes, APC's, tanks or earth shelters.
Fri-Unit-Prot-Prep-Time					
	data structure				
	TBD	None	None		Friendly Unit Protection Preparation Time. That time in hours or minutes that it takes a unit to prepare for a nuclear detonation in its area of operations.
Friendly-Force-Loss-Diff					
	data structure				
	TBD	None	None		Friendly Forces Loss Differential. The actual loss in combat power of friendly forces following an engagement in which nuclear weapons were employed compared to the desired loss in combat power.
FS-Estimate					
	data structure				
	Nuc-Del-Unit-Proj-Activities	None	None		Fire Support Estimate. Prepared by the Fire Support Coordinator to help him integrate and synchronize the employment of fire support resources with the maneuver scheme.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
FS-Spt-of-Each COA	data structure				
	TBD		None	None	Fire Supportability of Each Course of Action. An analysis of each o course of action from the perspective of its supportability by fires.
FSCCOORD-Prior-NW-Spt-COA	data structure				
	TBD		None	None	Fire Support Coordinator (FSCCOORD) Prioritization of Nuclear Weapons-Supported Courses of Action (COA). Based on his of each course of action the FSCCOORD prioritizes courses of action.
G1-Prior-NW-Spt-COA	data structure				
	TBD		None	None	G1 Prioritization of Nuclear Weapons-Supported Courses of Action (COA). The G1 capability and recommendation to support one course of action better than another.
G2-Prior-NW-Spt-COA	data structure				
	TBD		None	None	G2 Prioritization of Nuclear Weapons-Supported Courses of Action (COA). The G2 capability and recommendation to support one course of action better than another.
G3-Prior-NW-Spt-COA	data structure				
	TBD		None	None	G3 Prioritization of Nuclear Weapons-Supported Courses of Action (COA). The G3 prioritization of COA from maneuver perspective.
G4-Prior-NW-Spt-COA	data structure				
	TBD		None	None	G4 Prioritization of Nuclear Weapons-Supported Courses of Action (COA). The G4 capability and recommendation to support one course of action better than another.
G5-Prior-NW-Spt-COA	data structure				
	TBD		None	None	G5 Prioritization of Nuclear Weapons-Supported Courses of Action (COA). The G5 capability and recommendation to

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					support one course of action better than another.
Geo-R'strct-Empl-Nuc-Wpns	data structure				
	TBD	None	None		Geographical Restrictions on the Employment of Nuclear Weapons. Because of certain agreements it may not be acceptable to employ a nuclear weapon in some areas within the theater or area of operations.
Ground-Zero-Locs	data structure				
	TBD	None	None		Ground Zero Locations. The point in the earth's surface at, or vertically above or below, the center of a planned nuclear detonation.
Gui-C'stance-Limits-NWpns-Empl	data structure				
		Descript-Tac-Ctin-NWpns-Csid-Use			
		Descript-Des-Res-NWpns-Empl-TCtin			
		Nuc-Empl-Limit-C'sidr-Planning			
		None	None		Guidance on the Circumstances and Limits for Nuclear Weapons Employment. Guidance from the commander or staff on when nuclear weapons could/should be employed and the planning limitations on such employment.
Guid-Acc-Fri-Vuln'bilty-Post	data structure				
	TBD	None	None		Guidance on /ccceptable Friendly Force Vulnerability Posture. The level of vulnerability that the commander will accept for his own forces. Usually expressed as a %.
Guid-Acc-Opnl-Exp-Levels	data structure				
	TBD	None	None		Guidance on Acceptable Operational Exposure Levels. The level of total radiation exposure that a commander will accept for his troops exposed to a nuclear detonation or a contaminated area.
Guid-C'lat-Dam-Obstacles	data structure				

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		TBD	None	None	Guidance on Collateral Damage and Obstacles. Guidance by the commander on collateral damage constraints usually to civilian areas and the preclusion of obstacles in the operational area.
Guid-for-Init-of-Nuc-Wpns-EmA	data structure				
		TBD	None	None	Guidance for Initiation of Nuclear Weapons Employment. Guidance from one commander and staff or the circumstances that could lead to the use of nuclear weapons.
Guid-for-Init-Req-Nuc-Wpns-EmA	data structure				
		Guid-for-Init-of-Nuc-Wpns-EmA			
		Guid-for-Req-Nuc-Wpns-EmA			
		Des-Tac-C'stan-NEmp-Rgst-Auth			
		Des-Nuc-Emp-Rgst-Auth-Dec-Pts			
		None	Cdr's-Suppl-Planning-Guid		
					Guidance for Initiation/Request of Nuclear Weapons Employment. Guidance provided by the commander on the circumstances and/or events that would start the process to request the use of nuclear weapons or initiate the employment of nuclear weapons.
Guid-for-Req-Nuc-Wpns-EmA	data structure				
		TBD	None	None	Guidance for Request of Nuclear Weapons Employment. Guidance from the commander on what circumstances would lead to the initiation of a request to use a nuclear weapon.
Guid-NWpns-Emp-Act-Decpt-Ops	data structure				
		Descr-NW-Spt-Decpt-Obj			
		Descr-Role-NW-Decpt-Ops	None	None	Guidance on the Role of Nuclear Weapons Employment Activities in Deception Operations. Guidance from the commander on how nuclear weapons should be employed to support the deception plan.
Guid-NWpns-Rel'd-Pol-Agreemts	data structure				

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		TBD	None	None	Guidance on Nuclear Weapons-Related Political Agreements.
					Guidance from nuclear authorities on any agreements between countries that relate to the employment of nuclear weapons in a particular area.
Guid-on-Fallout-R'strct					
	data structure				
		TBD	None	None	Guidance on Fallout Restrictions. Guidance from a commander on what the fallout restrictions are from nuclear detonations.
Guid-on-Risk-Vul-Crit					
	data structure				
		Guid-P'plus-C'lat-Dam-Obstacles			
		Guid-on-Troop-Safety-Rqmts			
		Guid-on-Fallout-R'strct			
		None	Cdr's-Suppl-Planning-Guid		Guidance on Risk/Vulnerability Criteria. Guidance from the commander on the risk he is willing to accept in the areas of preclusion to damage, obstacles creation, and troop safety.
Guid-on-Troop-Safety-Rqmts					
	data structure				
		Spec-Acc-Risk-Fri-Forces			
		Guid-Acc-Opnl-Exp-Levels			
		Guid-Acc-Fri-Vuln'ility-Post			
		None	None		Guidance on Troop Safety Requirements. The distance between the DGZ and the friendly troops that will not exceed the risk establishes for his troops. Expressed by the commander/the radius of safety, which is the distances beyond which weapon effects are considered acceptable.
Guid-P'plus-C'lat-Dam-Obstacles					
	data structure				
		Guid-C'lat-Dam-Obstacles			
		Guid-P'plus-Rqmts			
		None	None		Guidance on Preclusion of Collateral Damage and Obstacles. Collateral damage is the term that describes undesirable civilian materiel damage or civilian personnel injuries that can be produced by the effects of friendly

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					nuclear weapons.
Guid-P'clus-Rqmts					
	data structure				
	TBD		None	None	Guidance on Preclusion F. Requirements. Guidance on damage to civilian population or structures.
Guid-Tgt-Dam-Defeat-Crit-Rvis					
	data structure				
	TBD		None	None	Guidance on Target Damage Defeat Criteria Revision. The commander will specify in his guidance in fire support what the defeat criteria is for the targets. In the replanning process this criteria may be revised based on the tactical situation.
Heights-of-Burst					
	data structure				
	TBD		None	None	Heights of Burst (HOB). The vertical distance from the earth's surface or target to the point of burst. Low airburst is an HOB option providing the most effective coverage for ground tgts (materiel & personnel) while giving high assurance (99%+) of precluding militarily significant fallout. High airburst is used in special cases for max blast coverage to soft tgts.
Higher-HQ-Admin-Log-Dir					
	data structure				
	Air-Resuppl-Proc.				
	Pers-Strength-n-Repl's				
	NASP-WHA-Logs				
			None	None	Higher Headquarters Admin-Log Directives. A higher headquarters plan for administrative and logistic support. Information contained in this plan includes personnel data, resupply procedures, civil-military liaison, locations of resupply points.
Higher-HQ-Admin-Log-Plan					
	data structure				
	TBD		None	None	Higher Headquarters Admin-Log Plan. Same as above.
Higher-HQ-Admin-Log-Plan-Ord					
	data structure				



## DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENT'S	ALIASES	RELATED DATA	REMARKS
		TBD	None	None	Higher Headquarters Admin-Log Plan/Order. Same as above.
Higher-HQ-Air-Spt-Plan	data structure				
		TBD	None	None	Higher Headquarters Air Support Plan. The higher headquarters plan for using available air assets.
Higher-HQ-Arty-Spt-Plan	data structure				
		Higher-Hq-FA-Tac-Msns	None	None	Higher Headquarters Field Artillery Support Plan. Guidance to to subordinates on the higher headquarters concept and plan for for the use of field artillery. Information in this plan could be allocation of assets and nuclear weapons to support the operations plan.
Higher-HQ-Authorizations	data structure				
		TBD	None	None	Higher Headquarters Authorizations. Authorizations by a higher headquarters which allow a force to plan for a given amount of nuclear resources.
Higher-HQ-Avail-Commo-Means	data structure				
		TBD	None	None	Higher Headquarters Available Communications Means. Communications assets available to support the forces.
Higher-HQ-Cdr's-Intent	data structure				
		TBD	None	None	Higher Commander's Intent. The higher commander's purpose for his directed actions.
Higher-HQ-Civ-Mil-Ops-Anx	data structure				
		Civ-Cult-Resource-Locs			
		Civ-Industrial-Resource-Locs	None	None	Higher Headquarters Civil-Military Operations Annex. Information contained in this annex includes, governmental, economic public facilities, nuclear weapons planners will need to consider many of these aspects of an operation.

## DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Higher-HQ-Commo-Anx	data structure				
		Higher-Hq-Nuc-Req-Pel-Channels			
		Higher-Hq-Avail-Commo-Means	None	None	Higher Headquarters' communications Electronics Annex. Communications instructions to the command. Contains signal operating instructions, equipment availability (both wire and radio), signal security, and communications security.
Higher-HQ-Commo-Instr	data structure				
		Curr-CE-Oper-I, str	None	None	Higher Headquarters Communications Instructions. Instructions from higher headquarters which govern the establishment or control of communications.
Higher-HQ-Coord-Instr	data structure				
		TBD	None	None	Higher Headquarters Coordinating Instructions. Instructions provided by a higher headquarters to coordinate the efforts of subordinates in planning or executing an operation.
Higher-HQ-Counterintel-Instr	data structure				
		Higher-Hq-Sig-Sec-Msrs			
		Higher-Hq-Phys-Sec-Msrs	None	None	Higher Headquarters Counterintelligence Instructions. Instructions contained in the Intelligence Annex to the operations order that specifically address counterintelligence functions.
Higher-HQ-D'cpt-Anx	data structure				
		D'cpt-Commo-Req			
		Higher-HQ-D'cpt-Story			
		Higher-HQ-D'cpt-Impl-Sched			
		Higher-HQ-D'cpt-Obj	None	None	Higher Headquarters Deception Annex. That annex to the

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					operations order that outlines deception operations to be used to support a major operation.
Higher-HQ-D'cpt-Impl-Sched	data structure				
	TBD		None	None	Higher Headquarters Deception Implementation Schedule. A time or event schedule to implement deception operations.
Higher-HQ-D'cpt-Obj	data structure				
	TBD		None	None	Higher Headquarters Deception Objective. The overall objective of the commander and staff in conducting deception operations.
Higher-HQ-D'cpt-Story	data structure				
	TBD		None	None	Higher Headquarters Deception Story. The overall picture which deception efforts attempt to paint for the enemy.
Higher-HQ-Directives	data structure				
	Higher-Hq-Orders-Plans				
	Higher-Hq-Authorizations		None	None	Higher Headquarters Directives. The term directive is used most often to describe a communication in which policy is established or a specific action is ordered.
Higher-HQ-FA-Tac-Msns	data structure				
	TBD		None	None	Higher Headquarters Field Artillery Tactical Missions. The tactical missions assigned to the assigned and supporting field artillery unit Those missions could be one or more of the following, Direct Support, Reinforcing, General Support Reinforcing or General Support.
Higher-HQ-FS-Anx	data structure				
	Higher-Hq-PNL-Alloc				
	Higher-Hq-Nuc-Spt-Plan				
	Higher-Hq-Artv-Spt-Plan				

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		Higher-Hq-Air-Spt-Plan	None	None	Higher Headquarters Fire Support Annex. The detailed instructions for accomplishing the fire support portion of a operations order. It includes priority of fires, ammunition supply rates, missions fire other fire support missions to fire support assets other than FA, and resupply procedures.
Higher-HQ-Intel-Anx					
	data structure				
		Summary-of-Enemy-Sit			
		Higher-Hq-Counterintel-Instr			
		Enemy-OB			
		Enemy-Nuc-Sys			
		Enemy-Nuc-Intent			
		Enemy-Sab-Subv-Indices			
			None	None	Higher Headquarters Intelligence Annex. Detailed instructions or information of how intelligence assets are going to support the plan presented in the operations order. It could include intelligence gathering assets assignments, counterintelligence support, methods for handling POWs and other captured materials, and other intelligence information.
Higher-HQ-Intel-Estimate					
	data structure				
	TBD		None	None	Higher Headquarters Intelligence Estimate. An analysis of the area of operations and the enemy situation. It draws conclusions and makes recommendations on probable enemy COA.
Higher-HQ-NEmpl-Req-Auth-Chan					
	data structure				
	TBD		None	None	Higher Headquarters Nuclear Employment Request and Authorization Channels. The chain/channel that a request for release of nuclear weapons and the subsequent authorization follows.
Higher-HQ-Nuc-Empl-Asmpt					
	data structure				
	TBD		None	None	Higher Headquarters Nuclear Employment Assumptions. Assumptions made concerning nuclear weapons employment

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					which are found in a higher headquarters plan.
Higher-HQ-Nuc-Empl-Assumpts					
alias: main name--Higher-HQ-Nuc-Empl-Assmpt					Higher Headquarters Nuclear Employment Assumptions.
Higher-HQ-Nuc-FS-Plan					
data structure					
		TBD	None	FS-Plan	Higher Headquarters Nuclear Fire Support Plan. Instructions on how nuclear fire support will be accomplished. Includes package data, support and constraints. It also includes information a publishing of Dr. Strikewarn message.
Higher-HQ-Nuc-Ops-Concept					
data structure					
		None	None	None	Higher Headquarters Concept of Nuclear Operations. The general concept of how employment of nuclear weapons is going to support overall mission accomplishment.
Higher-HQ-Nuc-Spt-Plan					
data structure					
		Higher-Hq-Nuc-Empl-Assumpts			
		Curr-Plan'd-Nuc-Pkg-Subpkg			
		Higher-Hq-Opnl-Exp-Guid			
			None	Higher-HQ-Nuc-Ops-Concept	
				Higher-HQ-Cdr's-Intent	
					Higher Headquarters Nuclear Support Plan. An appendix to the higher headquarters Fire Support plan which relates directly to the employment of nuclear weapons.
Higher-HQ-Opnl-Exp-Guid					
data structure					
		TBD	None	None	Higher Headquarters Operational Exposure Guidance. The maximum amount of nuclear radiation the commander considers his unit may be permitted to receive while performing a mission(s).
Higher-HQ-OPSEC-Anx					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure				
		Enemy-Intel-Collection-Cap			
		Higher-Hq-Sig-Sec-Msrs			
		Higher-Hq-Phys-Sec-Msrs			
		Curr-Proj-C'surv-I-Cmsrs			
					Higher Headquarters Operational Security Annex. The detailed instruction on how to apply OPSEC to the planned operation. It could /would include physical security, information security, signal security and control of indicators that could be exploited by hostile intelligence organization.
Higher-HQ-Ord-Plan-Exec-Para					
	data structure				
		Higher-Hq-Nuc-Ops-Concept			
		Asnd-Ord-Mission			
		Adj-Unit-Missions			
		Higher-HQ-Cdr's-Intent			
		Higher-Hq-Coord-Instr			
		Higher-Hq-Prior-Nuc-Fires			
		R'cord-Imp-Nuc-Log-Tasks			
		R'cord-Imp-Nuc-Tgt-Acq-Tasks			
		R'cord-Imp-Nuc-Tgt-Alk-Tasks			
					Higher Headquarters Order/Plan Execution Paragraph. The details of how an order/plan is to be executed/accomplished and found in paragraph 3 of an order or plan.
Higher-HQ-Orders					
	data structure				
		TBD	None	None	Higher Headquarters Orders. A written or oral communications from higher headquarters that convey instructions to a subordinate headquarters which are to be implemented at a specific time.
Higher-HQ-Orders-Plans					
	data structure				
		Higher-Hq-OPSEC-Anx			
		Higher-Hq-Commo-Instr			
		Higher-Hq-FS-Anx			
		Higher-Hq-Intel-Anx			
		Higher-HQ-D'cpt-Anx			

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		Higher-Hq-Ord-Plan-Exec-Para			
		Higher-Hq-Admin-Log-Dir			
		Higher-Hq-Task-Org			
		Higher-Hq-Commo-Anx			
		Higher-Hq-Civ-Mil-Ops-Anx			
		Nuc-Wpns-Emp-Pl-Pol-Guid			
			None	None	Higher Headquarters Orders and Plans. Written and oral communications from higher headquarters that convey instructions to subordinates. They contain all the details to take a organization through the execution of a planned operation.
Higher-HQ-Pers-Anx	data structure				
	TBD		None	None	Higher Headquarters Personnel Annex. Contains guidance to support various courses of action from a personnel perspective.
Higher-HQ-Phys-Sec-Msrs	data structure				
	TBD		None	None	Higher Headquarters Physical Security Measures. Security measures directed by higher headquarters for the protection of nuclear facilities or weapons.
Higher-HQ-Plans	data structure				
	TBD		None	None	Higher Headquarters Plans. Written or oral communications from a higher headquarters to convey instructions to subordinates which are to be executed at some point in the future.
Higher-HQ-PNL-Alloc	data structure				
	TBD		None	None	Higher Headquarters Prescribed Nuclear Load Allocation. Allocation of the nuclear weapons in a command to the delivery unit based on anticipated missions.
Higher-HQ-Prior-Nuc-Fires	data structure				
	TBD		None	None	Higher Headquarters Priority of Nuclear Fires. Which subordinate unit(s) has priority for nuclear fires once they have been requested and authorized for use.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Higher-HQ-Sen-Spt	data structure				
	TBD		None	None	Higher Headquarters Sensor Support. Sensors available to support an operation in both target acquisition and post strike assessment.
Higher-HQ-Sig-Sec-Msrs	data structure				
	TBD		None	None	Higher Headquarters Signal Security Measures. Measures directed by higher headquarters concerning the security of electronic signals.
Higher-HQ-Sit-Msgs	data structure				
	Curr-Enemy-Locs				
	Curr-Enemy-Activities				
	Proj-Enemy-Locs				
	Proj-Enemy-Activities				
	Enemy-Caps		None	None	Higher Headquarters Situation Messages. Messages from a higher headquarters depicting what is happening in the area regarding friendly and enemy forces.
Higher-HQ-SS-Anx	data structure				
	TBD		None	Higher-HQ-Admin-Log-Plan	Higher Headquarters Service Support Annex. Details of how service support is to be provided during a particular operation. Information included in the annex may be supply and transportation, medical and maintenance instructions.
Higher-HQ-Task-Org	data structure				
	List-of-Spt-Del-Units				
	List-of-Sptg-CSS-Units				
	List-of-Spt-TA-Units		None	None	Higher Headquarters Task Organization. Elements that comprise a particular organization tailored for a particular mission.



# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
HOB-Sel-P'dures					
	data structure				
	TBD		None	None	Height of Burst Selection Procedures. A technical procedure based on the desired effects of the nuclear weapon on the target.
Host-Nation-Civ-Def-Meas					
	data structure				
	None		None	None	Host Nation Civil Defense Measures. Measures taken by the nation to protect the civilian population from the effects of nuclear detonations or other combat effects.
Host-Nation-Rpts					
	data structure				
	Civ-Pop-Locs				
	Civ-Pop-Mvmts				
	Civ-Trans-Resource-Status				
	Refugee-Status				
			None	Civ-Cult-Resource-Locs	
				Civ-Industrial-Resource-Locs	
					Host Nation Reports. Reports received from host nation sources which include information regarding the civilian population centers, refugee control measures and those areas that should be precluded from damage.
Hours					
	basic data				
		01:00:00			
		24:00:00			
			None	Date-Time-Group	
					Hours. A segment of time, 1/24th of a day in length.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENT'S	ALIASES	RELATED DATA	REMARKS
I'grated-Corps-Nuc-Wpns-Pack	data structure				
		Div-Cdr-Apvd-NWpns-Subpack			
		Corps-Cdr-Apvd-NWpns-Pack			
		Corps-Pkg-Aimpts			
		Corps-Pkg-Wpns			
		Purge-NW-Dup-Fr-PkgSubpkg			
			None	None	Integrated Corps Nuclear Weapons Package. An approved corps package which has been integrated with approved subordinate unit subpackages.
I'grated-Corps-NWpns-Pack					
	alias: main name--I'grated-Corps-Nuc-Wpns-Pack				Integrated Corps Nuclear Weapons Package.
I'pact-of-Vari-on-Msn-Acmplsmnt	data structure				
	TBD		None	None	Impact of Variance on Mission Accomplishment. The expected effect, in terms of mission accomplishment, which any variance between the desired and the actual results of nuclear employment tasks.
Id'd-AsReqd-Rep't'g-Reqmt	data structure				
	TBD		None	None	Identified "As-Required" Reporting Requirement. A situational or event triggered reporting requirement.
Id'd-Oppor-to-Exploit-Success	data structure				
	TBD		None	None	Identified Opportunity to Exploit Success. Related to battlefield imperatives it involves the recognition of a situation where the enemy force is in a tactical or operational position of disadvantage.
Id'd-Periodic-Rep't'g-Reqmt	data structure				
	TBD		None	None	Identified Periodic Reporting Requirement. A requirement to submit a type of report at a pre-designated time.
Id'd-Rqmt-Add'l-De'l-Spt	data structure				

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		TBD	ID'd-Rqmts-for-Add'l-Del-Spt	(None)	Identified Requirements for Additional Delivery Support. Results of the comparison of available delivery systems with the number and types required to execute a package. The outcome is a statement of delivery system shortfall.
ID'd-Rqmt-Addl-Sen-Spt					
	data structure				
		TBD	ID'd-Rqmts-for-Add'l-Sen-Spt	(None)	Identified Requirements for Additional Sensor Support. The results of a comparison of sensors available to support nuclear attacks against specific targets. The outcome is a determination of sensor shortfall.
ID'd-Rqmts-for-Add'l-Del-Spt					
	alias; main name--Id'd-Rqmt-Addl-Del-Spt				Identified Requirements for Additional Delivery Support.
ID'd-Rqmts-for-Add'l-Sen-Spt					Identified Requirements for Additional Sensor Support.
	alias; main name--Id'd-Rqmt-Addl-Sen-Spt				
ID'd-Sources-of-Info					
	data structure				
		TBD	(None)	(None)	Identified Source(s) of Information. The results of a survey which identifies the available agencies which are capable of providing the required information.
ID'd-Tgt-Atk-Means					
	data structure				
		Avail-Tgt-Atk-Means	(None)	(None)	Identified Target Attack Means. The results of a process which matches capability target attack system(s) to the target(s) to be engaged by nuclear weapon(s).
ID'd-Tgt-Development-Means					
	data structure				
		Fo'cast-Nuc-Tgt-Act'ivs			
		Nuc-Tgt-Obs'vbl-Params			
		Match-Avail-Sen-Nuc-Tgts	(None)	(None)	Identified Target Development Means. The results of a process which matches the capability sensor systems to

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					means to the targets selected for engagement with nuclear weapons.
Imp-En-Loos-NWpns-Empl					
	data structure				
	TBD		None	None	Impact of Enemy Locations on Nuclear Weapons Employment. A description of the effect which current and projected enemy locations will have on the forces ability to employ nuclear weapons.
Impi-Nuc-Empl-Tasks					
	data structure				
	TBD		None	None	Implied Nuclear Employment Tasks. Tasks, not specifically mentioned in the order or plan, which must be accomplished to successfully conduct nuclear attacks.
Implied-Nuc-Log-Tasks					
	data structure				
	TBD		None	None	Implied Nuclear Logistics Tasks. Tasks, not specifically mentioned in the order or plan, which relate to nuclear weapons associated logistics.
Implied-Nuc-Tgt-Acq-Tasks					
	data structure				
	TBD		None	None	Implied Nuclear Target Acquisition Tasks. Tasks, not specifically mentioned in the order or plan, which relate to target acquisition support for nuclear weapons attacks.
Implied-Nuc-Tgt-Atk-Tasks					
	data structure				
	TBD		None	None	Implied Nuclear Target Attack Tasks. Tasks, not specifically mentioned in the order or plan which must be accomplished to execute an attack of targets with nuclear weapons.
Info-Accept-Recorded					
	data store				
	Decoded-Info				
	Decrypted-Info				

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
			None	None	Information Accepted and Recorded. Information which has been acquired and registered and is awaiting processing.
Info-Discarded					
	data store				
		Info-W-No-Stor-Distr-Reqmt			
			None	None	Information Discarded. Information located in data files or bases which is no longer needed and therefore deleted from the system.
Info-Distr-for-Use					
	data structure				
		TBD		None	Information Distributed for Use. Nuclear weapons information which has been provided to processors of nuclear employment data.
Info-Mgmt-Doc					
	data structure				
		Info-Mgmt-Staff-Resp			
		Info-Storage-Procs-Doc			
			None	None	Information Management Doctrine. Guidelines and procedures which facilitate the receipt, storage, and information transmission of information.
Info-Mgmt-Staff-Resp					
	data structure				
		TBD		None	Information Management Staff Responsibilities. Well defined actions required of the staff to obtain, evaluate, analyze, and distribute information required to support operations and planning activities.
Info-Needs					
	data store				
		Review-Outst-Reqs-for-Info			
		Rev-Info-Stored-Info-Base			
			None	None	Information Needs. The body of information which is required from external headquarters in order to perform nuclear employment planning functions.

# ONA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Info-Proc'd-Storage-Distr	data store				
		TBD	None	None	Information Processed for Storage or Distribution. That information which has been evaluated and deemed suitable retain for future use.
Info-Queries					
	data structure				
		Requests-for-Sit-Update			
		Requests-for-Status-Update			
			None	None	Information Queries. Requests from processors of nuclear employment functions for information needed to conduct planning.
Info-Stored-in-Info-Base					
	data store				
		Info-Proc'd-Storage-Distr			
		Info-Discarded			
		Info-Distr-for-Use			
		Retr'd-Info			
			None	None	Information Stored in the Information Base. The data which is used as the basis for planning and operational decisions. It is generally accessible and required by members of the staff to advise and coordinate nuclear employment actions.
Info-W-No-Stor-Distr-Reqmt					
	data store				
		TBD	None	None	Information With No Storage or Distribution Requirement. Data which is evaluated and rejected as invalid or is not needed for nuclear employment planning.
Info-Storage-P'dures-Doc					
	data structure				
		TBD	None	None	Information Storage Procedures Doctrine. Guidance which describes the steps taken to store and maintain information.
Information-Base					
	data store				

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		TBD	None	None	Information Base. The mass of stored information on which operational decisions and planning activities are based.
Init-Alloc-NW-Spt-Ea-Sch-Mvr	data structure				
		TBD	None	None	Initial Allocation of Nuclear Weapons to Support Each Scheme of Maneuver. The number and type of nuclear weapons apportioned to support a specific scheme of maneuver for wargaming purposes.
Init-Array-Nuc-Del-Sys	data structure				
		TBD	None	None	Initial Array of Nuclear Delivery Systems. The expected positions of firing units which are to support a specific nuclear weapons-supported scheme of maneuver.
Init-NWpns-Tgt-List	data structure				
		TBD	None	None	Initial Nuclear Weapons Target List. The expected targets against which nuclear weapons are planned. It includes information concerning the target type, location, size and activity.
Initial-Target-Aimpoints	data structure				
		Prim-Tgt-El-Nuc-Tgts			
		Df-Crit-Nuc-Tgts			
		Tgt-Dam-Contrib-Conv-Wpns	None	None	Initial Target Aimpoints. The point in relation to the ground where the weapon(s) is expected to be delivered without regard to preclusion requirements.
Initial-Warn-Ord-Input	data structure				
		TBD	None	None	Initial Warning Order Input. Input to a brief oral or written order designed to provide subordinate commanders notice of anticipated operations. It provides information in sufficient detail to enable subordinates to begin planning activities.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Initialization-Data	known data				
		N/A	N/A	N/A	Initialization Data. All of the information necessary for nuclear employment planning which must be available to the upon start-up.
Input-NW-Sptd-COA-Simts	data structure				
		Descr-Role-NW-Ea-COA			
		Input-NW-Sptd-COA-Simts			
			None		Inputs to Nuclear Weapons-Supported Course of Action Statements. Nuclear weapons employment information required to complete a course of action statement and sketch.
Intel-Spt-of-Each-COA	data structure				
	TBD	None	None		Intelligence Support of Each Nuclear Weapons-Supported Course of Action. The G2's estimate of the intelligence support required successfully execute a proposed course of action.
Intelligence-Doctrine	data structure				
	Sensor-Doctrine	None	None		Intelligence Doctrine. Guidelines governing the development of the situation, targets and counterintelligence.
Intelligence-Estimate	data structure				
	Terrain-Weather-Anal				
	Pot-Enmy-Nuc-Tgts				
	Pot-Enmy-COAs				
	Avail-Tgt-Devel-Means				
	Curr-Weather-Forecasts				
	Sensor-Acq-Caps				
	Avail-Tgt-Devel-Means				
	IPB-Event-Temps				
	IPB-Dec-Spt-Temps	None	None		Intelligence Estimate. An analysis leading to a statement



DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					by the G2 of the degree to which various courses of action can be supported. The estimate incorporates a description of weather and terrain factors, enemy force disposition, and their expected reaction to operational situation as proposed. (Annex E, FM 101-5)
IntraStaff-Comp-COA					
	data structure				
	TBD		None	None	Intra-Staff Comparison of Courses of Action (COA). The on-going process through which a number of COA are jointly assessed by the staff to determine feasibility and supportability.
IP-NWpns-Spt-COA-Simis					
	alias; main name--Input-NW-Sptd-COA-Simis				Inputs to Nuclear Weapons-Supported Course of Action Statements.
IPB-Dec-Spt-Temps					
	data structure				
	TBD		None	None	Intelligence Preparation of the Battlefield (IPB) Decision Support Templates. An intelligence product which is used to aid the commander by indicating the points where tactical decisions are required. (FM 34-1)
IPB-Event-Temps					
	data structure				
	TBD		None	None	Intelligence Preparation of the Battlefield (IPB) Event Templates. An intelligence product which projects the sequence of events related to a particular enemy course of action. (FM 34-1)
Keyed-Rpts-Dir-Reqs					
	data structure				
	TBD		None	None	Keyed Reports, Directives, and/or Requests. Information which has been entered into a communications mode.
Limit-on-Emp-Nuc-Wpns					
	data structure				
	C'simis-on-Emp-NWpns				
	R'simis-on-Emp-NWpns				

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		Dtrm-Risk-HCdr-Acpt-Empl-NWpns	None	None	Limitations on the Employment of Nuclear Weapons. The political, social, and military restrictions placed on the use of nuclear weapons.
List-Fri-Forces-to-be-Warned	data structure				
		Fri-Forces-Located-Within-MSDs			
		Risk-Fri-Forces			
		List-of-Fri-Forces-to-Warn		None	List of Friendly Forces to be Warned. A summary of units which require warning in order to meet the commander's risk exposure guidance.
List-of-Fri-Forces-to-Warn	alias, main name--List-Fri-Forces-to-be-Warned				List of Friendly Forces to be Warned.
List-of-Spt-Del-Units	data structure				
	TBD		None	None	List of Supporting Nuclear Delivery Units. A listing of units which are organic to or supporting the force and capable of delivering nuclear weapons.
List-of-Spt-TA-Units	data structure				
	Higher-Hq-Sen-Spt				
			None	None	List of Supporting Target Acquisition Units. A listing of units which are organic to or supporting the force and are capable of providing target acquisition data in support of nuclear weapons operations.
List-of-Sptg-CSS-Units	data structure				
	TBD		None	None	List of Supporting Combat Service Support Units. A listing of units which are organic to or supporting the force capable of providing logistical support for nuclear weapons operations.
Log-Char's-of-the-AO	data structure				

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		TBD	None	None	Logistical Characteristics of the Area of Operations. A description of the physical and operating characteristics of the area which have the potential to effect the timeliness, quantity, and quality of logistics support.
Log-Estimate					
	data structure				
		Class-V-Trans-Consir's			
		Log-Char's-of-the-AO			
		None	None	None	Logistics Estimate. An analysis conducted by the G-4 which delineates logistics factors effecting the proposed mission(s). mission. It draws conclusions and makes recommendations concerning the logistic feasibility of various COA.
Log-Spt-of-Each-COA					
	data structure				
		TBD	None	None	Logistics Supportability of Each Course of Action. A statement of whether and how well CSS forces (i.e., resupply, transportation, etc.) can provide the logistical support for each nuclear weapons-supported COA.
Match-Avail-Del-Sys-Tgt					
	data structure				
		TBD	None	None	Match of Available Delivery Systems to Targets. A comparison of available delivery systems (i.e. within range etc.) to the targets selected for attack.
Match-Avail-Sen-Nuc-Tgts					
	data structure				
		Avail-Tgt-Devel-Means			
		Match-Avail-Sen-Tgt		None	Match of Available Sensors to Nuclear Targets. A comparison of the sensors required to locate the targets scheduled for attack with nuclear weapons.
Match-Avail-Sen-Tgt					
	alias, main name	Match-Avail-Sen-Nuc-Tgts			Match of Available Sensors to Nuclear Targets.
Meth-P'cede-for-NWpns-Emp-Cor					
	alias, main name	Meth-P'cede-Nuc-Wpn-Emp-Cor			

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					Methods and Procedures for Nuclear Weapons Employment Communications.
Meth-P'cede-Nuc-Wpn-Empl-Commo	data structure				
		NWpns-Emer-Action-Procedures			
		Plan-Empl-Ea-Mails			
		F'mats-for-Nuc-Related-Comms			
		Commo-Chan-NWpns-Related-Commo			
		Nuc-Wpns-Commo-Prior			
		Phys-Sec-P'dur-NW-Rel-Int-Etc			
		Emsn-Sec-NWpns-Rel-Commo			
		Plan-Empl-Ea-Mails			
		Meth-P'cede-for-NWpns-Empl-Com			
		Meth-P'dures-for-NWpns-Empl-Co			
		Meth-P'cede-NWpns-Empl-Commo		None	Methods and Procedures for Nuclear Weapons Employment Communications. Procedures governing the use and security of the communications used in support of nuclear weapons employment.
Meth-P'cede-NWpns-Empl-Commo					
	alias; main name--Meth-P'cede-Nuc-Wpn-Empl-Commo				
					Methods and Procedures for Nuclear Weapons Employment Communications.
Meth-P'dures-for-NWpns-Empl-Co					
	alias; main name--Meth-P'cede-Nuc-Wpn-Empl-Commo				
					Methods and Procedures for Nuclear Weapons Employment Communications.
METT-T					
	data structure				
	Mission				
	Enemy				
	Troops				
	Terrain				
	Time-Avail				
			None	None	Mission, Enemy, Troops, Terrain, and Time Available. A standard set of planning considerations applicable to all

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					tactical planning activities.
Min-Safe-Dist					
	data structure				
		Zone-1-MSD			
		Zone-2-MSD			
		Zone-3-MSD			
		Zone-4-MSD			
			MSD	None	Minimum Safe Distance. A calculated distance from a designated ground zero (DGZ). MSDs are used to determine how close specific nuclear weapons can be employed to friendly troops without exceeding specified risk levels.
					MSD size changes based on yield of weapon, vulnerability categories, risk level, and delivery errors.
Minutes					
	basic data				
		TBD			
			None	None	Minutes. A minute is a segment of time equal to 1/60th of an hour.
Mission					
	data structure				
		TBD			
			None	None	Mission. A clear, concise statement of the task of a command and its purpose.
Mod-Course-of-Action					
	data structure				
		Mod-to-Plan-NWpns-Spt			
		Mod-to-Mvr-Scheme			
			None	None	Modified Course of Action. A course of action which is changed to based on the commander's estimate of the situation.
Mod-FS-R'tated-Nuc-Emp-I-P					
	alias: main name--Mod-to-FS-R'tated-Nuc-Emp-I-P				
					Modifications to Fire Support Related Nuclear Employment Inputs.
Mod-OPSEC-R'tated-Nuc-Emp-I-P					

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure				
	TBD		None	None	Modifications to OPSEC Related Nuclear Employment Inputs. Changes to the OPSEC planning requirements which are directed by the approving authority.
Mod-Plan-NWpns-Spt					
	alias: main name--Mod-to-Plan-NWpns-Spt				Modifications to the Plan of Nuclear Weapons Support.
Mod-to-FS-R'ted-Nuc-Emp-I-P					
	data structure				
	TBD		Mod-FS-R'ted-Nuc-Emp-I-P	None	Modifications to Fire Support Related Nuclear Employment Inputs. Changes to the inputs to nuclear fire support plan which are directed by the approving authority.
Mod-to-Intel-R'td-Nuc-Emp-I-P					
	data structure				
	TBD		None	None	Modifications to Intelligence Related Nuclear Employment Inputs. Changes to inputs to intelligence (e.g. collection) plans which directed by the approving authority.
Mod-to-Log-R'ted-Nuc-Emp-I-P					
	data structure				
	TBD		None	None	Modifications to Logistics Related Nuclear Employment Inputs. Changes to inputs to the logistics support plan which are directed by the approving authority.
Mod-to-Mvr-Scheme					
	data structure				
	TBD		None	None	Modification to the Maneuver Scheme. Changes to the recommended maneuver plan based on the commander's estimate.
Mod-to-Nuc-Dcpt-R'ted-Emp-I-P					
	data structure				
	TBD		None	None	Modifications to the Deception Related Nuclear Employment Inputs. Changes to the deception plan directed by the approving authority.
Mod-to-Nuc-Emp-I-P-OPORD-Plan					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure	TBD	None	None	Modifications to the Nuclear Employment Inputs to the Operations Order/Plan. OPORD/OPPLAN changes which are directed by the approving authority.
Mod-to-Plan-NWpns-Spt	data structure				
	TBD		Mod-to-Plan-NWpns-Support		
			Mod-Plan-NWpns-Spt		
			Mod-to-Plan-of-NWpns-Spt	None	Modifications to the Plan of Nuclear Weapons Support. Changes to the nuclear weapons support plan based on the commanders estimate.
Mod-to-Plan-NWpns-Support					
	alias, main name--Mod-to-Plan-NWpns-Spt				Modifications to the Plan of Nuclear Weapons Support.
Mod-to-Plan-of-NWpns-Spt					
	alias, main name--Mod-to-Plan-NWpns-Spt				Modifications to the Plan of Nuclear Weapons Support.
Mod-to-Rec-Ord-Plan-Nuc-Empl	data structure				
		Mod-OPSEC-R't'd-Nuc-Empl-IP			
		Mod-FS-R't'd-Nuc-Empl-IP			
		Mod-to-Intel-R't'd-Nuc-Empl-IP			
		Mod-to-Log-R't'd-Nuc-Empl-IP			
		Mod-to-Nuc-Decpt-R't'd-Empl-IP			
		None	None	None	Modifications to the Nuclear Employment Inputs to the Operations Order/Plan. OPORD/OPPLAN changes which are directed by the approving authority.
Month					
	data structure				
	TBD		None	None	Month. A time segment equal to 1/12th of a year.
MSD					
	alias, main name--Min-Safe-Dist				Minimum Safe Distance. A calculated distance from a
MSD-Prot-Msr-Doc					
	data structure				

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		Zone-1-MSD			
		Zone-2-MSD			
		Zone-3-MSD			
		Zone-4-MSD			
			None	Min-Safe-Dist	
					Minimum Safe Distance Protective Measures Doctrine.
					The guidance involved in the determination of safe
					distances and protection of forces consistent with
					operational requirements. Primary doctrine is found in
					FM 100-30 and FM 101-31-1
Mvmt-Planning-Info					
	data structure				
		TBD	None	None	Movement Planning Information. Information and
					instructions provided to subordinate headquarters in a
					warning order which allows necessary movement to begin
					prior to the finalization of the plan.
Mvr-Counteraxs-Enemy-Rx					
	data structure				
		TBD	None	None	Maneuver Counteractions to Enemy Reactions. A part of
					the wargaming process which anticipates enemy reactions
					and prepares maneuvers (and fires) to exploit them.
Mvr-Schemes					
	data structure				
		TBD	None	None	Maneuver Schemes. The movement and positioning of forces
					to exploit the nature of the terrain and gain positional
					advantage in relation to enemy forces.
Mvr-Unit-Activities					
	data structure				
		TBD	None	None	Maneuver Unit Activities. The combat actions maneuver
					units. They include attack, defend, delay, etc. tasks.
Mvr-Unit-Eqgmt-Status					
	data structure				
		TBD	None	None	Maneuver Unit Equipment Status. A summary statement of
					the operational availability and status of critical items of
					unit equipment.



# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Mvr-Unit-Locations	basic data	TBD	Mvr-Unit-Locs	None	Maneuver Unit Locations. A statement which provides the position of units, normally plotted using the UTM system.
Mvr-Unit-Locs	alias ; main name--Mvr-Unit-Locations				Maneuver Unit Locations.
Mvr-Unit-Pers-Status	data structure	TBD	None	None	Maneuver Unit Personnel Status. A statement which describes the numbers and status of assigned personnel.
Mvr-Unit-Proj-Activities	data structure	TBD	None	None	Maneuver Unit Projected Activities. Information contained in the OPLAN/OPORD or estimate process which projects subsequent actions of maneuver units.
Mvr-Unit-Proj-Locs	data structure	TBD	None	None	Maneuver Unit Projected Locations. Information contained in the OPLAN/OPORD or estimate process which projects subsequent positions of maneuver units.
Mvr-Unit-Sit-Rpts	data structure	Mvr-Unit-Locations Mvr-Unit-Activities	None	None	Maneuver Unit Situation Reports. Reports from maneuver units which provide information concerning the tactical circumstances in which the unit finds itself (e.g. under attack, attacking, etc.
Mvr-Unit-Sit-Rpts	data structure	Mvr-Unit-Sit-Rpts Mvr-Unit-Sit-Rpts	None	None	Maneuver Unit Situation and Status Reports. Reports from

## DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					maneuver units which provides information concerning the tactical situation and other critical data necessary to support the commander's decision process.

## DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Mvr-Unit-Stat-Rpts	data structure				
		Mvr-Unit-Eqpmnt-Status			
		Mvr-Unit-Pers-Status	None	None	Maneuver Status Reports. Reports from maneuver units which provide critical data necessary to support the commander's decision process.
NASP-Locs	data structure				
		TBD	None	None	Nuclear Ammunition Supply Point Locations. The grid locations of nuclear ammunition supply points.
NASP-WHA-Locs	data structure				
		TBD	None	None	Nuclear Ammunition Supply Point (NASP)/Weapons Holding Area. The grid coordinate location of nuclear ammunition supply points and weapons holding areas.
Non-Nuc-FS-Concept	data structure				
		FA-Spt-Plan			
		Air-Spt-Plan	None	None	Non-Nuclear Fire Support Concept. Conventional fire support plan for supporting a given/planned operation.
Nuc-Air-Del-Sys-Caps	alias; main name--	Air-Nuc-Del-Sys-Caps			
					Air Nuclear Delivery Systems Capabilities.
Nuc-Atk-Trigger-Events	data structure				
		COA-Ev-Init-Nuc-Emp-ReqAuth			
		COA-Nuc-Emp-ReqAuth-Ex-Dec-Pts	None	None	Nuclear Attack Trigger Events. Events that would cause a maneuver commander to request authority to employ nuclear weapon or employ a nuclear weapon if authority had previously been granted.
Nuc-Cap-Units					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure				
		TBD	None	None	Nuclear Capable Units. Those units that have been designated by mission or equipment to deliver a nuclear weapon.
Nuc-Del-Sit-Rpts					
	data structure				
		Nuc-Del-Unit-Locs			
		Nuc-Del-Unit-Activities			
			None	None	Nuclear Delivery Unit Situation Reports. Reports that portray what the locations and activities of a nuclear delivery unit.
Nuc-Del-Status-Rpts					
	data structure				
		Nuc-Del-Unit-PNL-Status			
		Nuc-Del-Unit-Eqpm-Status			
		Nuc-Del-Unit-Supply-Status			
		Nuc-Del-Unit-Pers-Status			
			None	None	Nuclear Delivery Unit Status Reports. Reports reflection a delivery unit's status in terms of being able to assume or accomplish an already assigned mission.
Nuc-Del-Sys-Auth-Empl					
	data structure				
		TBD	None	None	Nuclear Delivery Systems Authorized for Employment. Those nuclear delivery systems that have been authorized for use in delivering a nuclear weapon.
Nuc-Del-Sys-Caps					
	data structure				
		Surf-Nuc-Del-Sys-Caps			
		Air-Nuc-Del-Sys-Caps			
			None	None	Nuclear Delivery System Capabilities. The capabilities of those systems designated as nuclear delivery systems
Nuc-Del-Sys-Doctrine					
	data structure				
		Nuc-Del-Sys-Caps			
		Nuc-Del-Sys-Resp-Times			
			None	None	Nuclear Delivery System Doctrine. Tactics, techniques and procedures governing the employment of nuclear capable delivery

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					systems.
Nuc-Del-Sys-Resp-Times	data structure				
		Surf-Nuc-Sys-Resp-Times			
		Air-Nuc-Sys-Resp-Times			
			None	None	Nuclear Delivery System Response Times. The time it takes a system to deliver a prescribed weapon from receipt of the mission.
Nuc-Del-Unit-Activities	data structure				
		TBD	Del-Unit-Act	None	Nuclear Delivery Unit Activities. Activities engaged in by a delivery unit. Could be moving, maintenance, resting or processing a mission.
Nuc-Del-Unit-Eqpm-Status	data structure				
		TBD	None	None	Nuclear Delivery Unit Equipment Status. The availability of equipment in a delivery unit which is necessary for mission accomplishment.
Nuc-Del-Unit-Locs	data structure				
		TBD	Del-Unit-Locs	None	Nuclear Delivery Unit Locations. Grid coordinate locations of delivery units.
Nuc-Del-Unit-Pers-Status	data structure				
		TBD	None	None	Nuclear Delivery Unit Personnel Status. Availability and condition of personnel in a nuclear delivery unit.
Nuc-Del-Unit-PNL-Status	data structure				
		TBD	Del-Unit-PNL-Status	None	Nuclear Delivery Unit Prescribed Nuclear Load (PNL) Status. The status--to include location, number of weapons, and yields--of a nuclear delivery unit's PNL.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Nuc-Del-Unit-Proj-Activities	data structure				
	TBD		None	None	Nuclear Delivery Unit Projected Activities. Based on an operational plan or mission what will the unit be engaged in.
Nuc-Del-Unit-Supply-Status	data structure				
	TBD		None	None	Nuclear Delivery Unit Supply Status. Availability of supplies needed to sustain a nuclear delivery unit.
Nuc-Deton-Data	data structure				
		Ground-Zero-Loos			
		Yield-Estimations			
		Actual-HOBs			
			Record-Detonation-Data	None	Nuclear Detonation Data. Information gathered as a result of the detonation of a nuclear weapon. It could include actual Desired Ground Zero (DGZ), actual Height of Burst (HOB), estimated yield and perhaps fallout data.
Nuc-Emp-Auth					
	alias: main name--Nuc-Emp-Auth				
					Nuclear Employment Authorization.
Nuc-Emp-Auth-Time-Wdow	data structure				
	TBD		None	None	Nuclear Employment Authorization Time Window. The time frame in which a nuclear weapon may be employed. Usually expressed in hours.
Nuc-Emp-D'opt-Tasks	data structure				
	TBD		None	None	Nuclear Employment Deception Tasks. Tasks outlined in the deception plan that expressly address how a nuclear weapon's employment potential will be used in the deception plan.
Nuc-Emp-Info-Sec-Msrs	data structure				
	TBD		None	None	Nuclear Employment Information Security Measures.

## DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					Measures taken to preclude enemy sources from obtaining any information about the use of nuclear weapons.
Nuc-Empl-Anal-Doc					
	data structure				
		Aimpoint-Sel-P'dures			
		Damage-Est-P'dures			
		Yield-Sel-P'dures			
		HOB-Sel-P'dures			
		MSD-Prot-Msrs-Doc			
			None	None	Nuclear Weapons Employment Analysis Doctrine. Procedures used by target analyst to analyze a target on which a nuclear weapon will be employed.
Nuc-Empl-Auth					
	data structure				
		Nuc-Empl-Auth-Time-Wdow			
		Nuc-Yields-Auth-Empl			
		Nuc-Det-Sys-Auth-Empl			
		Higher-Hq-Nuc-Empl-Auth			
			Nuc-Empl-Auth		
				None	Nuclear Employment Authorization. Authorization received from higher headquarters to expend a nuclear weapon or weapons.
Nuc-Empl-CI-Guid					
	data structure				
		Descr-Spec-Msrs-Prot-Nuc-Res			
		Descr-Spec-Msrs-Hide-NucEmp-Int		None	Nuclear Employment Counterintelligence Guidance. Measures taken to protect from enemy detection the plan or preparations to use nuclear weapons.
Nuc2-Empl-Coord-Info					
	data structure				
		Tgt-Devel-Coord-Info			
		Tgt-Atk-Coord-Info		None	Nuclear Employment Coordination Information. All information required to coordinate the development and attack of enemy by use of nuclear weapons.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Nuc-Emp-Info					
	alias; main name--Nuc-Emp-Coord-Info				
					Nuclear Employment Coordination Information.
Nuc-Emp-IP-D'cpt-Anx					
	data structure				
	Descr-Nuc-Asps-D'cpt-Conc				
	Nuc-Emp-D'cpt-Tasks				
		Nuc-Emp-IP-Dcpt-ANX			
			None		
					Nuclear Employment Input to the Deception Annex. Any information that needs to be included in the annex which explains how nuclear weapons are to be used in deception operations.
Nuc-Emp-IP-Dcpt-ANX					
	alias; main name--Nuc-Emp-IP-D'cpt-Anx				
					Nuclear Employment Inputs to the Deception Annex.
Nuc-Emp-IP-Exec-Para-OP					
	data structure				
	Record-Nuc-Emp-Assumpt				
	Conc-Nuc-Spt				
	Plan'g-Prior-Nuc-Fires				
		None			
					Nuclear Employment Input to the Execution Paragraph of the Operations Order/Plan. Information regarding the conduct of nuclear support, or assumptions regarding nuclear weapons employment.
Nuc-Emp-IP-FS-Anx					
	data structure				
	TBD		None		
					Nuclear Employment Input to the Fire Support Annex.
					Authorization to expend, PNL information, deployment data for delivery systems, restrictions, constraints and troop safety.
Nuc-Emp-IP-Intel-Anx					
	data structure				
	NWpns-Intel-Rqmts				
	NWpns-Sen-Coll-Tasks				
	Init-NWpns-Tgt-List				
		None		None	
					Nuclear Employment Inputs to the Intelligence Annex. Intelligence



DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					aspects for the employment of nuclear weapons, such as targets and counterintelligence procedures to preclude the enemy from gaining knowledge of nuclear employment plans.
Nuc-Emp-IP-Log-Dir					
	data structure				
		Unit-PNL-Redistrib-P'dures			
		NASP-WHA-Locs			
		Prescr-Nuc-Stockage			
		None	None		Nuclear Employment Input to the Logistics Directive.
					Information necessary to support the employment of nuclear weapons, such as unit PNL information, ordnance PNS information and ammunition resupply points.
Nuc-Emp-IP-OPSEC-ANX					
	data structure				
		Nuc-Res-Phys-Sec-Msrs			
		Nuc-Emp-Info-Sec-Msrs			
		None	None		Nuclear Employment Inputs to the OPSEC Annex. Nuclear employment security measures that are to be specified in the operations security annex of an OPORD/OPLAN.
Nuc-Emp-IP-to-OPORD-Plan					
	data structure				
		Nuclear-Support-Plan			
		Nuc-Emp-IP-Exec-Para-Op			
		Nuc-Emp-IP-FS-Anx			
		Nuc-Emp-IP-Intel-Anx			
		Nuc-Emp-IP-Log-Dir			
		Nuc-Emp-IP-D'cpt-Anx			
		None	None		Nuclear Employment Inputs to the Operations Order/Plan.
					Information regarding the use of nuclear weapons in support of a particular operation.
Nuc-Emp-Limit-C'sidr-Planning					
	data structure				
		Deg-Acc-Risk-C'sid-Dur-Plan'g			
		Cstmt-NW-Emp-C'sid-Dur-Plan'g			
		Restr-NW-Emp-C'sid-Dur-Plan'g			
			Nuc-Emp-Limit-C'sid-Planning		

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
				None	Nuclear Employment Limitations to be Considered During Planning. These are limitations which the commander desires that the staff considers during the planning process.
Nuc-Emp-Limit-Csid-Planning					
	alias: main name--Nuc-Emp-Limit-C'sidr-Planning				
					Nuclear Employment Limitations to be Considered During Planning.
Nuc-Emp-OPSEC-Guid					
	data structure				
		Guid-NWbns-Emp-Act-Doct-Ops			
		Nuc-Emp-Cl-Guid	None	None	Nuclear Weapons Employment OPSEC Guidance. Guidance provided by the commander regarding measures to be taken to prevent the enemy from gaining knowledge about friendly nuclear employment.
Nuc-Emp-Req					
	data structure				
		Sub-Unit-Nuc-Emp-Req			
			Nuc-Emp-Request	None	Nuclear Employment Request. A request from a commander, thru channels, for the authority to employ a nuclear weapon.
Nuc-Emp-Request					
	alias: main name--Nuc-Emp-Req				
					Nuclear Employment Request.
Nuc-FC-Msrs-Ea-Sch-Mvr					
	data structure				
	TBD		None	None	Nuclear Fire Control Measures for Each Scheme of Maneuver. Measures designed to facilitate engagement of targets and provide safeguards for friendly forces. Some examples could be boundaries or fire support coordination line.
Nuc-PkgSubpkg-Descr					
	data structure				
	TBD		None	None	Nuclear Package/Subpackage Description. A description of the contents of a package or subpackage. It may include target data

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					delivery systems, yields, and time frame.
Nuc-Res-Phys-Sec-Msrs	data structure				
	TBD				
			None	None	Nuclear Resource Physical Security Measures. Measures taken or to be taken to protect nuclear weapons or systems in storage or movement.
Nuc-Sec-Reg	data structure				
		NWpns-Phys-Prot-Reqmts			
		Regs-NWpns-Destruction			
			None	None	Nuclear Security Regulations. Regulations that prescribe the measures that are to be taken to protect nuclear weapons.
Nuc-Support-Plan					
	alias: main name--Nuclear-Support-Plan				Nuclear Support Plan.
Nuc-Sur-Del-Sys-Caps					
	alias: main name--Surf-Nuc-Del-Sys-Caps				Surface Nuclear Delivery Systems Capabilities.
Nuc-Targeting-Info	data structure				
		Rel-Enmy-Tgt-Sets			
		Desired-Mod-to-Target-Behavior			
		Pri-List-Nuc-Tgt-Ea-Crs-Act			
		Tgts-D'nated-Nuc-Empl-Plan			
		Non-Nuc-FS-Concept			
			None	None	Nuclear Targeting Information. Information characteristic of developing and attacking targets by nuclear weapons.
Nuc-Tgt-Description					
	data structure				
	TBD		Nuc-Tgt-Descript	None	
					Nuclear Target Descriptions. Some ideal targets for nuclear weapons: 1) Nuclear delivery units and associated C2 and service support units; 2) regimental and higher echelon C2 elements; 3) tank and motorized rifle units; 4) air defense

## DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					units; 5) enemy air force units and installations; 6) conventional artillery units.
Nuc-Tgt-Descript					
	alias; main name--Nuc-Tgt-Description				Nuclear Target Descriptions.
Nuc-Tgt-Obs'vbl-Params					
	data structure				
	TBD		None	None	Nuclear Target Observable Parameters. The observable characteristics of nuclear targets.
Nuc-Wpn-Resrike-Crit					
	data structure				
	TBD		None	None	Nuclear Weapon Resrike Criteria. The criteria established for resrike of a target with nuclear weapons.
Nuc-Wpns-Atk-Guid					
	data structure				
	Guid-Tgt-Dam-Defeat-Crit-Rvis				
	Nuc-Wpn-Resrike-Crit				
	Alt-CCA-for-Nuc-Empt-Pln-P'frm				
			Nuc-Wpns-Attack-Guid		
				None	Nuclear Weapons Attack Guidance. Guidance provided by the commander on his plan for the use of nuclear weapons. He may include such things as defeat criteria, resrike requirements, courses of action to be supported by nuclear weapons and guidance on target selection.
Nuc-Wpns-Attack-Guid					
	alias; main name--Nuc-Wpns-Atk-Guid				Nuclear Weapons Attack Guidance.
Nuc-Wpns-Commo-Prior					
	data structure				
	TBD		None	None	Nuclear Weapons Communications Priorities. A priority is established for the use of communications assets that have been designated to support nuclear weapons employment.
Nuc-Wpns-Empl-Doc					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure				
		Nuc-Wpns-Sec-Doc			
		Nuc-Wpns-Log-Doc			
		Nuc-Wpns-Tgt-Doc			
		Nuc-Empl-Anal-Doc			
		None		None	Nuclear Weapons Employment Doctrine. Principles and procedures which govern the employment of nuclear weapons by the Armed Forces.
Nuc-Wpns-Empl-Pol-Guid	data structure				
		TBD	Guid-NWpns-Refd-Pol-Agreemts		
			None		Nuclear Weapons Employment Political Guidance. Guidance on political aspects and limitations of the employment of nuclear weapons.
Nuc-Wpns-Empl-Regs	data structure				
		Regs-on-Fallout-Preci			
		Regs-on-Damage-NonMil-Res			
		NWpns-Phys-Prot-Regmts			
		None	None		Nuclear Weapons Employment Directives Regulations that provide regulating information as to the employment of nuclear weapons and the security of nuclear weapons.
Nuc-Wpns-Log-Doc	data structure				
		NWpns-Trans-P'dures			
		NWpns-Storage-P'dures			
		NWpns-Acct-P'dures			
		None	None		Nuclear Weapons Logistics Doctrine. Logistic procedures that detail how nuclear weapons will be supported by service support elements.
Nuc-Wpns-Log-Spt-Plan	data structure				
		R'cmd-NASP-Location			
		R'cmd-Del-Unit-PNL			
		R'cmd-Ord-Unit-PNS			
		R'cmd-NWpns-Resupply-Plan			

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		P'dures-NWpns-Destruction	None	None	Nuclear Weapons Logistics Support Plan. The plan that provides detailed information on how service support elements will support nuclear operations.
Nuc-Wpns-Pack-Del-Means	data structure				
		TBD	None	None	Nuclear Weapons Package Delivery Means. Systems designated in a package to deliver nuclear weapons.
Nuc-Wpns-Pack-Tgts	data structure				
		TBD	None	None	Nuclear Weapons Package Targets. Targets designated for attack by nuclear weapon are identified in a package.
Nuc-Wpns-Pack-Yields	data structure				
		TBD	None	None	Nuclear Weapons Package Yields. Weapon yields available to attack the targets designated in a package.
Nuc-Wpns-Sec-Doc	data structure				
		Doc-Sec-Nuc-Rel-Mat'l-Info			
		Doc-Prot-NWpns-Indicators	None	None	Nuclear Weapons Security Doctrine. Principles and procedures which govern the security of nuclear weapon resources.
Nuc-Wpns-Targeting-Doc	alias; main name--Nuc-Wpns-Tgt-Doc				
					Nuclear Weapons Targeting Doctrine.
Nuc-Wpns-Tgt-Doc	data structure				
		Doc-Empl-Req-Auth-P'dures			
		Doc-Integr-Nuc-Conv-Fires			
		Doc-Suitable-Nuc-Tgts			
		Doc-Nuc-FC-Msrs			
			Nuc-Wpns-Targeting-Doc		
				P'clus-Ord-Nuc-Tgt-Anal	
				Tgt-Ord-Nuc-Tgt-Anal	

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					Nuclear Weapons Targeting Doctrine. Tactics, techniques and procedures which guide the development and attack of targets by nuclear weapons.
Nuc-Wpns-Tgting-Guid					
	data structure				
	TBD		None	None	Nuclear Weapons Targeting Guidance. Guidance provided by the commander on targeting for nuclear weapons. It will include the types of targets and perhaps a priority based on the course of action.
Nuc-Yields-Auth-Empl					
	data structure				
	TBD		None	None	Nuclear Yields Authorized for Employment. Weapon yields approved for use based on a specific request for a specific package.
Nuclear-Support-Plan					
	data structure				
	Conc-Nuc-Ops				
	Prior-Nuc-Fires				
	Unit-PNL				
	NASP-Locs				
	P'clus-Trp-Safety-Data				
	Nuc-PkgSubpkg-Descr				
	NWpns-Desir-P'cedures				
			Nuc-Support-Plan		
			None		Nuclear Support Plan. An appendix to the fire support annex which details how a particular operation will be supported by nuclear weapons. It will contain package data, resupply and destruction information.
Num-Type-Radios-Asgn					
	data structure				
	TBD		None	None	Number and Type of Radios Assigned. The number and type by model number of radios assigned to a unit.
NW-Empl-Req-for-Empl-Com-Means					
	data structure				
			Type-Com-Means-Req-NW-Comms		

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		Avail-Com-Means-Spt-Nuc-Em-Op			
		Pln-Alloc-Com-Means-Spt-Nuc-Op	None	None	Nuclear Weapons Employment Requirements for the
					Emplacement of Communications Means. Particular means of
					communication required for nuclear weapons employment.



DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
NW-Empl-Req-for-Empl-Com-Modes	data structure	Type-Com-Modes-Req-Nuc-Em-Com Avail-Com-Modes-Spt-Nuc-Em-Op Pln-Aloc-Com-Modes-Spt-Nuc-Op	None	None	Nuclear Weapons Employment Requirements for the Emplacement of Communications Modes. Particular models of equipment used to support communications for nuclear weapons employment.
NWpns-Acct-P'dures	data structure				
	TBD		None	None	Nuclear Weapons Accountability Procedures. Methods used to maintain accountability of nuclear weapons by delivery units and ordnance support units.
NWpns-Cmd-Disable-Regs	data structure				
	TBD		None	None	Nuclear Weapons Command Disable Regulations. Regulations pertaining to the disablement of nuclear weapons to prevent their capture by the enemy.
NWpns-Destr-P'dures	data structure				
	TBD		None	None	Procedures for Nuclear Weapons Destruction. Procedures governing intentional destruction of nuclear weapons.
NWpns-ED-Regs	data structure				
	TBD		None	None	Nuclear Weapons Emergency Destruction Regulations. Regulations pertaining to the emergency destruction of nuclear weapons to prevent their capture by the enemy.
NWpns-Emer-Action-Procedures	data structure				
	TBD		None	None	Nuclear Weapons Emergency Action Procedures. Procedures of unified and specified commands for transmitting, receiving, and authenticating nuclear control orders.
NWpns-Empl-IP-Commo-Elec-Anx					

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure				
		NWpns-Empl-IP-to-Commo-Sys-Pln			
		Meth-P'dures-for-NWpns-Empl-Co	None	None	Nuclear Weapons Employment Inputs to the Communications-Electronics Annex. Nuclear weapons-related inputs which govern the operations of the communications system in support of nuclear weapons.
NWpns-Empl-IP-Commo-Sys-Plan					
	alias; main name--NWpns-Empl-IP-to-Commo-Sys-Pln				
					Nuclear Weapons Employment Inputs to the Communications System Establishment Plan.
NWpns-Empl-IP-to-Commo-Sys-Pln					
	data structure				
		NW-Empl-Req-for-Empl-Com-Means			
		NW-Empl-Req-for-Empl-Com-Modes			
			NWpns-Empl-IP-Commo-Sys-Plan		
			None		Nuclear Weapons Employment Inputs to the Communications System Establishment Plan. Nuclear weapons-related communications requirements which must be considered in establishing the communications system.
NWpns-Empl-Req-Empla-Commo-Mea					
	data structure				
	TBD		None	None	Nuclear Weapons Employment Requirements for the Employment of Communications Means. Nuclear weapons-related requirements for communications means.
NWpns-Intel-Rqmts					
	data structure				
	TBD		None	None	Nuclear Weapons Intelligence Requirements. The subset of Priority Intelligence Requirements and Intelligence Requirements which support the effective employment of nuclear weapons.
NWpns-Phys-Prot-Rqmts					
	data structure				
	TBD		None	None	Nuclear Weapons Physical Protection Requirements. Regulatory requirements of the physical protection of nuclear

## DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					weapons during transit or storage.
NWpns-Redistrib-Plan	data structure				
	TBD		None	None	Nuclear Weapons Redistribution Plan. A plan to establish procedures for the redistribution of nuclear weapons among delivery units or between delivery units and supply points.
NWpns-Replenish-P'dures	data structure				
	TBD		None	None	Nuclear Weapons Stock Replenishment Procedures. Procedures to request and coordinate the replenishment of nuclear weapon stocks from higher headquarters ammunition assets.
NWpns-Sen-Coll-Tasks	data structure				
	TBD		None	None	Nuclear Weapons Sensor Collection Tasks. Taskings to sensor system/units to develop nuclear weapon targets.
NWpns-Spt-COA-Simts	data structure				
	TBD		None	None	Nuclear Weapons-Supported Course of Action Statements. States courses of action in which the employment of nuclear weapons is a critical component.
NWpns-Spt-Mvr-Counteraxs	data structure				
	TBD		None	None	Nuclear Weapons Support for Maneuver Counteractions. Word descriptions of courses of actions which include the potential employment of nuclear weapons.
NWpns-Storage-P'dures	data structure				
	TBD		None	None	Nuclear Weapons Storage Procedures. Established procedures which govern the storage of nuclear weapons in nuclear weapons storage areas and delivery units.
NWpns-Trans-P'dures	data structure				

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		TBD	None	None	Nuclear Weapons Transportation Procedures. Established procedures which govern the transportation of nuclear weapons by air or surface means.
O'lay-P'clus-Info					
	data structure				
		TBD	None	None	Overlay of Preclusion Information. Placement of preclusion data over initial aimpoint and yield radii of damage as a means of determining violations to preclusion requirements.
Op-Avail-Commo-Means					
	alias: main name--Op-Avail-of-Commo-Means				
					Operational Availability of Communications Means.
Op-Avail-Commo-Modes					
	data structure				
		TBD	None	None	Operational Availability of Communications Modes. The availability of assigned communications modes to effectively perform their intended functions within the communications system.
Op-Avail-of-Commo-Means					
	data structure				
		TBD	Op-Avail-Commo-Means	None	Operational Availability of Communications Means. The availability of assigned communications means to effectively perform their intended functions within the communications system.
Ops-Estimate					
	data structure				
		Mvr-Unit-Proj-Locs			
		Mvr-Unit-Proj-Activities			
		Mvr-Schemes			
		Mvr-Counteraxs-Enemy-Rx			
					Operations Estimate. An estimate prepared by the G3 which analyzes all aspects of a proposed mission, and which is used to reach a decision on how a mission will be accomplished.
Ord-Plan-Prep-Time					
	data structure				
		Time-Avail-Empl-Comms			

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
			None	None	Order/Plan Preparation Time. The amount of time available or allocated for a headquarters to complete the preparation of an OPORD/PLAN.
Ord-Unit-Locs					
	data structure				
	TBD		None	None	Ordinance Unit Locations. Grid coordinate locations of supporting ordnance units.
Ord-Unit-Storage-Caps					
	data structure				
	TBD		None	None	Ordinance Unit Storage Capabilities. A statement of the total number of nuclear rounds, by type, which an ordnance unit can store.
Ord-Unit-Wpn-Status					
	data structure				
	TBD		None	None	Ordinance Unit Weapon Status. The status of the prescribed nuclear stockpile to include the number, type, yield, and operational readiness of the weapons.
Orders					
	data structure				
	TBD		None	None	Orders. Written or oral communications which direct an action.
Orders-Plans					
	data structure				
	Warning-Order				
	STRIKEWARN-Msg				
	Fire-Orders		None	None	Orders/Plans. Plans are methods or schemes developed to carryout a command decision or project. Orders are written or oral communications which direct an action. (eg the execution of a specific plan.)
Outcomes-of-Nuc-Empl-Tasks					
	data structure				
	Damage-Enemy-Tqts				
	Changes-Enemy-Force-Behav				

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		Changes-Nuc-Emp-Res	None	None	Outcomes of Nuclear Employment Tasks. The results of nuclear weapons target attack, target acquisition, and/or logistics tasks.
Outline-Ea-NW-Spt-COA	data structure				
		TBD	None	None	Outline of Each Nuclear Weapons-Supported Course of Action (COA). A brief description of each nuclear weapons-supported course of action considered by the staff.
Outline-Locs-Nuc-Ops	data structure				
		TBD	None	None	Outline of the Locations of Nuclear Operations. General information on the location of proposed nuclear operations.
Outline-Nature-Nuc-Ops	data structure				
		TBD	None	None	Outline of the Nature of Nuclear Operations. General information on the nature and extent of nuclear employment operations being planned.
Outline-Timing-Nuc-Ops	data structure				
		TBD	None	None	Outline of the Timing of Nuclear Operations. General information on critical times associated with proposed nuclear employment operations.
P'code-for-NWpns-Destruction					
	alias; main name--P'dures-NWpns-Destruction				Procedures for Nuclear Weapons Destruction.
P'clus-Ord-Nuc-Int-Anal	data structure				
		TBD	None	None	Preclusion-Oriented Nuclear Target Analysis. This type of target analysis is used when detailed target information is not available.
P'clus-Trp-Safety-Data	data structure				

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		TBD	None	None	Preclusion and Troop Safety Data. Information regarding what damage is to be precluded and what troop safety issues must be considered during nuclear employment planning.
P'dures-NWpns-Destruction					
	data structure				
		TBD	P'code-for-NWpns-Destruction	None	Procedures for Nuclear Weapons Destruction. The procedures to be followed by subordinate units for the destruction of nuclear weapons during a particular operation or campaign.
P'ized-List-of-Tgts-Each-COA					
	data structure				
		TBD	None	None	Prioritized List of Targets for Each Course of Action. A prioritization of nuclear weapon targets for each course of action being considered by the staff.
Periodic-Sit-Rpts					
	data structure				
		TBD	None	None	Periodic Situation Reports. Situation reports whose submission is required periodically.
Periodic-Stat-Rpts					
	data structure				
		TBD	None	None	Periodic Status Reports. Status Reports whose submission is required periodically.
Pers-Spt-of-Each-COA					
	data structure				
		TBD	None	None	Personnel Supportability of Each Course of Action. The supportability of a nuclear weapon-supported course of action from a personnel standpoint.
Pers-Strength-n-Repl's					
	data structure				
		TBD	None	None	Personnel Strengths and Replacements. Part of the staff estimate prepared by the G1. In it the impact of losses, as well as programmed replacements, are assessed in terms of the courses of actions proposed.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Personnel-Estimate	data structure				
		Curr-Sold-Pers-Readiness			
		Curr-Phys-Cbt-Stress			
		Pers-Strength-n-Repl's			
		None	None		Personnel Estimate. The G1's staff estimate which indicates which courses of action are supportable from the personnel standpoint and which is preferred.
Phys-Sec-Procds-SAS-Rel-Mat	data structure				
		TBD	None	None	Physical Security Procedures for SAS-Related Materials. The procedures to be followed by subordinate units for the physical security of sealed authentication system (SAS) materials.
Phys-Sec-Pdur-NW-Rel-Inf-Etc					
	alias; main name--PSec-Pro-NWpns-Rel-Info-Commo				
					Physical Security Procedures for Nuclear Weapons-Related Information and Communications Materials.
Phys-Sec-Rqts-TranStor-SAS-Mil	data structure				
		TBD	None	None	Physical Security Requirements for Transport and Storage of SAS-Related Materials. Doctrinal and regulatory safeguard requirements for the transport and storage of sealed authentication system materials.
Plan'g-Prior-Nuc-Fires	data structure				
		TBD	None	None	Planning Priority for Nuclear Fires. The assignment of a priority of nuclear fires to subordinate units for planning purposes.
Plan-Empl-COMSEC-Matls	data structure				
		TBD	None	None	Plan for Emplacement of COMSEC Materials. The plan which specifies where communications security devices and materials will be placed within the force's various command and control nodes.



DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Plan-Empl-EA-Mails	data structure				
	TBD		None	None	Plan for Emplacement of Emergency Action Materials. The plan which specifies where EMAS/NRAS and SAS-related materials will be placed within the force's various command and control nodes.
Plan-Estab-EA-Network	data structure				
	TBD		None	None	Plan for Establishment of the Emergency Action Network. The plan which assigns stations on the emergency action network based on the nuclear employment processes performed by the stations.
Plan-for-Empla-Commo-Means	data structure				
	TBD		None	None	Plan for the Emplacement of Communications Means. The portion of the communications plan which specifies the location of the various communications means. (Radio, messenger, etc)
Plan-for-Empla-Commo-Modes	data structure				
	TBD		None	None	Plan for Emplacement of Communications Modes. The portion of the communications which specifies the locations of the various communications modes. (VHF, FM, AM, etc)
Plan-Prep-Time	data structure				
	TBD		None	None	Order/Plan Preparation Time. The time allocated for the preparations of the force order or plan.
Planning-Guid	data structure				
	Cdr's-Init-Planning-Guid				
	Cdr's-Suppl-Planning-Guid		None	None	Planning Guidance. Guidance provided to the staff by the commander during the planning process, usually after accomplishment of mission analysis and again upon announcement of the commander's decision and concept.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Planning-Shortfalls					
	data structure				
		Impact-of-Vari-on-Msn-Acplmt			
		Id'd-Opport-to-Exploit-Success			
		Dec-to-Init-Chng-Thru-Replan			
		S'falls-in-Ass'mt-of-Sit			
		S'falls-in-Direct-Ops			
		S'falls-in-D'tmn-Actions			
		None	None	None	Planning Shortfalls. Variances between the actual situation and the desired situation which can be reduced or eliminated through additional planning.
Planning-Time					
	data structure				
	TBD		None	None	Planning Time. Time required for a commander and his staff to develop and prepare a plan, and to make preparations for accomplishment of a mission.
Planning-Time-Schedule					
	data structure				
	TBD		None	None	Planning Time Schedule. A schedule of planning time which schedules available time into orderpl-n preparation time, rehearsal time, subordinate unit planning time, and subordinate unit preparation time.
Plans					
	data structure				
	TBD		None	None	Plans. Written directives which specify "how" a mission will be accomplished.
Pln-Alloc-Com-Means-Spt-Nuc-Op					
	data structure				
	TBD		None	None	Plan for Allocation of Communications Means to Support Nuclear Employment Operations. The communications plan which specifies which communications means (Radio, Message) are available or dedicated in support of nuclear employment.
Pln-Alloc-Com-Modes-Spt-Nuc-Op					
	data structure				
	TBD		None	None	Plan for Allocation of Communication Modes to Support

## DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					Nuclear Employment Operations. The communications plan which specifies which communications modes (VHF, FM) are available or dedicated in support of nuclear employment.
Portr-of-Curr-Sit					
	data structure				
	TBD		None	None	Portrayal of the Current Situation. A depiction using text and/or graphics of all information available on the current battlefield situation.
Portr-of-Nuc-Emp-Status-Orig					
	data structure				
		Des-Pers-Aspects-Emp-NUC-Wpns			
		Des-FS-Aspects-Emp-NUC-Wpns			
		Des-Intel-Aspects-Emp-NUC-Wpns			
		Des-Ops-Aspects-Emp-NUC-Wpns			
		Des-Log-Aspects-Emp-NUC-Wpns			
		Des-Civ-Mil-Aspects-Emp-NUC-Wpns			
		Des-Lgl-Pol-Aspects-Emp-NUC-Wpns			
		None	None		Portrayal of the Nuclear Weapons Employment Status of the Organization. A description by the staff of the nuclear employment aspects within their respective areas.
Pot-Enmy-COAs					
	data structure				
	TBD		Potential-Enmy-Nuc-COA		
			None		Potential Enemy Nuclear Courses of Action. Courses of action which include nuclear weapons employment which may be pursued by the enemy.
Pot-Enmy-Nuc-Tgts					
	data structure				
		Imp-En-Locs-NWpns-Emp			
		Des-Fri-Cap-Dev-En-Nuc-Tgts			
		Potential-Enmy-Tgts			
		None			Potential Enemy Nuclear Targets. Targets which may potentially be attacked with nuclear weapons.
Potential-Enmy-Nuc-COA					
	alias: main name -	Pot-Enmy-COAs			

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Potential-Enemy-Tgts					Potential Enemy Nuclear Courses of Action.
	alias: main name--Pot-Enemy-Nuc-Tgts				
Ppse-Nuc-Pack-Subpack					Potential Enemy Nuclear Targets.
	alias: main name--Ppse-Nuc-Pack-Subpack				
					Proposed Nuclear Package/Subpackage.
Ppse-Nuc-Pack-Subpack					
	data structure				
	O'lay-P'clus-Info				
	Adj'd-Wpn-Aimpts				
	Adj'd-Wpn-Yields				
		Ppse-Nuc-Pack-Subpack			
			None		Proposed Nuclear Package/Subpackage. A nuclear weapons package or subpackage developed by target analysts which on the basis of targeting and commander's guidance requirements.
Precipitation					
	data structure				
	TBD		None		Precipitation. Rain, snow, sleet, etc.
Preinit-Avoid-P'dures					
	data structure				
	TBD		None		Preinitiation Avoidance Procedures. Procedures followed by fire support and target analysts to prevent a nuclear weapon from causing the preinitiation of another.
Prescr-Nuc-Stockage					
	data structure				
	TBD		None		Prescribed Nuclear Stockage. A specific quantity of various nuclear ammunition items to be stocked in a nuclear ammunition service support unit or installation.
Pri-List-Nuc-Tgt-Ea-Crs-Act					
	data structure				
		Rel-Crit-of-Nuc-Tgts			
		Rel-Tgt-Development-Means			

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		Rel-Tgt-Atk-Rqmts	None	None	Prioritized Listing of Nuclear Targets for Each Course of Action. A list associated with each course of action which identifies targets for nuclear attack and specifies the priority assigned each target.
Prim-Tgt-El-Nuc-Tgts	data structure				
	TBD		None	None	Primary Target Elements for Nuclear Targets. The primary elements which compose a nuclear target.
Prior-Nuc-Fires	data structure				
	TBD		None	None	Priority of Nuclear Fires. An assignment of a priority to subordinate headquarters for nuclear fire support based upon the missions of those subordinate headquarters.
Proj-Enmy-Activities	data structure				
	TBD		None	None	Projected Enemy Activities. Enemy force activities at some future time. Achieved through staff level wargaming and/or intelligence preparation of the battlefield (IPB).
Proj-Enmy-Locs	data structure				
	TBD		None	None	Projected Enemy Locations. An estimate of enemy force locations at some future time. Achieved through staff level wargaming and/or IPB.
Proj-Enmy-Sit	data structure				
	TBD		None	None	Projected Enemy Situation. An estimate of the locations and activities of the enemy force at some future time. Achieved through staff level wargaming and/or IPB.
Proj-Fri-Sit	data structure				
	Proj-Enmy-Locs				
	Proj-Enmy-Activities				
			None	None	Projected Friendly Situation. An estimate of the locations and

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					activities of friendly forces at some future time. Achieved through staff level wargaming and/or IPB.
Prot-Msrs-Rqmts	data structure				
	TBD		None	None	Protective measure Requirements. Specific protective measures to be taken by friendly units which may be affected by friendly nuclear detonation.
PSec-Pro-NWpns-Rel-Info-Commo	data structure				
	TBD		Phys-Sec-P'dur-NW-Rel-Inf-Etc	None	Physical Security Procedures for Nuclear Weapons-Related Information and Communications Materials. A set of rules and procedures which govern the storage and use of communications codes, keys, formats related to the employment of nuclear weapons
Purge-NW-Dup-fr-PkgSubpkg	data structure				
	TBD		None	None	Purge of Nuclear Weapons Duplications from Packages/Subpackages. To eliminate duplication of effects from planned corps fires or subordinate headquarters' subpackages.
R'cmd-Del-Unit-PNL	data structure				
	TBD		None	None	Recommended Delivery Unit Prescribed Nuclear Load. A specified quantity and type of nuclear weapons to be carried by a delivery unit. The establishment and replenishment of this load after each expenditure is a command decision and is dependent upon the tactical and logistical situation, as well as capability of the unit to transport the load.
R'cmd-NASP-Location	data structure				
	TBD		R'cmd-NASP-Locations	None	Recommended Nuclear Ammunition Supply Point (NASP) Locations. A staff recommendation on where NASP should be located to best support nuclear employment operations.

## DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
R'cmd-NASP-Locations	alias; main name--R'cmd-NASP-Location				Recommended NASP Locations.
R'cmd-NWpns-Resupply-Plan	data structure	NWpns-Redistrib-Plan			
		NWpns-Replenish-P'dures	None	None	Recommended Nuclear Weapons Resupply Plan. A staff-developed plan which specifies the procedures for the delivery of nuclear weapons to the force and for the supply and resupply of weapons to delivery units.
R'cmd-Ord-Unit-PNS	data structure				
	TBD		None	None	Recommended Ordnance Unit Prescribed Nuclear Storage (PNS). A staff recommendation on the quantity and type of nuclear weapons to be carried and maintained by supporting ordnance units.
R'cord-Detonation-Data	alias; main name--Nuclear-Detonation-Data				Record of Detonation Data.
R'cord-Imp-Nuc-Log-Tasks	data structure				
	TBD		Rcord-Imp-Nuc-Log-Task	None	Record of Implied Nuclear Logistics Tasks. A listing of tasks, not specifically mentioned in the order or plan, which relate to nuclear weapons associated logistics.
R'cord-Imp-Nuc-Tgt-Acq-Tasks	data structure				
	TBD		Rcord-Imp-Nuc-Tgt-Acq-Tasks	None	Record of Implied Nuclear Target Acquisition Tasks. A listing of tasks, not specifically mentioned in the order or plan, which relate to nuclear weapons associated target acquisition.
R'cord-Imp-Nuc-Tgt-Atk-Tasks					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure				
	TBD		None	None	Record of Implied Nuclear Target Attack Tasks. A listing of tasks, not specifically mentioned in the order or plan, which relate to nuclear weapons associated target attack.
R'cord-Impl-Nuc-Empl-Tasks					
	alias; main name--R'cord-of-Impl-Nuc-Empl-Tasks				
					Record of Implied Nuclear Employment Tasks.
R'cord-of-Impl-Nuc-Empl-Tasks					
	data structure				
		Implied-Nuc-Log-Tasks			
		Implied-Nuc-Tgt-Acq-Tasks			
		Implied-Nuc-Tgt-Atk-Tasks			
			R'cord-Impl-Nuc-Empl-Tasks		
			None		Record of Implied Nuclear Employment Tasks. A listing of tasks, not specifically mentioned in the order or plan, which must be accomplished to successfully conduct nuclear employment operations.
R'cord-of-Spec-Nuc-Empl-Tasks					
	data structure				
		Specified-Nuc-Log-Task			
		Specified-Nuc-Tgt-Acq-Tasks			
		Specified-Nuc-Tgt-Atk-Tasks			
		R'cord-Spec-Nuc-Log-Tasks			
		R'cord-Spec-Nuc-Tgt-Acq-Tasks			
		R'cord-Spec-Nuc-Tgt-Atk-Tasks			
					Record of Specified Nuclear Employment Tasks. A listing of tasks, specifically addressed in the OPLAN/OPORD, which must be accomplished to successfully conduct nuclear employment.
R'cord-Spec-Nuc-Log-Tasks					
	data structure				
	TBD		None	None	Record of Specified Nuclear Logistics Tasks. A listing of tasks, specifically addressed in the OPLAN/OPORD, which relate to nuclear weapons-associated logistics.
R'cord-Spec-Nuc-Tgt-Acq-Tasks					



# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure				
	TBD		Rec-Spec-Nuc-Tgt-Acq-Tasks	None	Record of Specified Nuclear Target Acquisition Tasks. A listing of tasks, specifically addressed in the OPLAN/OPORD, which relate to nuclear weapons-associated target acquisition activities.
R'cord-Spec-Nuc-Tgt-Alk-Tasks					
	data structure				
	TBD		Rec-Spec-Nuc-Tgt-Alk-Tasks	None	Record of Specified Nuclear Target Attack Tasks. A listing of tasks, specifically addressed in the OPLAN/OPORD, which relate to nuclear weapons target attack.
R'strict-on-Empl-NWpns					
	alias: main name--R'strict-on-Empl-NWpns				Restrictions on the Employment of Nuclear Weapons.
R'strict-on-Empl-NWpns					
	data structure				
		Geo-R'strict-Empl-Nuc-Wpns			
		Yield-R'strict-Empl-Nuc-Wpns			
		FO-R'strict-Empl-Nuc-Wpns			
			R'strict-on-Empl-NWpns		
				None	Restrictions on the Employment of Nuclear Weapons.
					Limitations placed on the force that prohibit the force from certain tasks or activities in the employment of nuclear weapons.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Rcord-AdvDisadv-Ea-NW-Spt-COA	data structure				
	TBD		None	None	Record of Advantages and Disadvantages of Each Nuclear Weapons-Supported Course of Action (COA).
Rcord-Imp-Nuc-Log-Task					
	alias: main name--R'cord-Imp-Log-Tasks				Record of Implied Nuclear Logistics Tasks.
Rcord-Imp-Nuc-Tgt-Acq-Tasks					
	alias: main name--R'cord-Imp-Nuc-Tgt-Acq-Tasks				Record of Implied Nuclear Target Acquisition Tasks.
Rcord-Nuc-Emp-Asumpt					
	data structure				
	TBD		None	None	Record of Nuclear Employment Assumptions. A listing of the assumptions made in the development of a nuclear weapons employment concept.
Rec-Spec-Nuc-Tgt-Acq-Tasks					
	alias: main name--R'cord-Spec-Nuc-Tgt-Acq-Tasks				Record of the Specified Nuclear Target Acquisition Tasks.
Rec-Spec-Nuc-Tgt-Atk-Tasks					
	alias: main name--R'cord-Spec-Nuc-Tgt-Atk-Tasks				Record of Specified Nuclear Target Attack Tasks.
Recpts-Desgnd-Rpts-Dir-Regs					
	data structure				
	TBD		None	None	Recipients Designated for Reports, Directives, and/or Requests. The designation of a recipient on a report, directive, or request.
Refugee-Status					
	data structure				
	TBD		None	None	Refugee Status. Information on the location, numbers, and movements of refugees in the area of operations.
Regs-NWpns-Destruction					
	data structure				
	NWpns-Cmd-Disable-Regs				

## DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		NWpns-ED-Regs	None	None	Regulations on Nuclear Weapons Destruction. A set of procedures or standing order which specify the actions which must be taken in order to destroy nuclear weapons.
Regs-on-Damage-NonMil-Res	data structure				
		TBD	None	None	Regulations on Damage to Nonmilitary Resources. A set of procedures or standing orders which establish the general policy governing collateral damage of nonmilitary resources.
Regs-on-Fallout-Precl	data structure				
		TBD	None	None	Regulations on Fallout Preclusion. A set of procedures or standing orders describing the actions which govern the creation or limitation of fallout.
Regulations					
	data structure				
		Nuc-Sec-Reg			
		Nuc-Wpns-Empl-Regs	None	None	Regulations. Rules and/or procedures.
Rehearsal-Time	data structure				
		TBD	None	None	Rehearsal Time. The time required for rehearsal of a nuclear weapons employment-related task.
Rel'vnt-Enmty-Tgt-Sets	data structure				
		TBD			
			Relvnt-Enmty-Tgts-Tgt-Sets		
			Rel-Enmty-Tgt-Sets	None	Relevant Enemy Targets/Target Sets. Those enemy means which can interfere with projected friendly operations.
Rel-Crit-of-Nuc-Tgts	data structure				
		TBD	None	None	Relative Criticality of Nuclear Targets. The relative ability of enemy targets based on their capability and location, to hinder friendly mission accomplishment.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Rel-Enemy-Tgt-Sets	alias: main name--Rel-vnt-Enemy-Tgt-Sets				Relevant Enemy Targets/Target Sets.
Rel-Tgt-Atk-Rqmts	data structure				
	TBD	None	None	None	Relative Target Attack Requirements. A comparison of the relative difficulty of achieving the required damage on enemy targets.
Rel-Tgt-Development-Means	alias: main name--Rel-Tgt-Development-Rqmts				Relevant Target Development Means.
Rel-Tgt-Development-Rqmts	data structure				
	TBD		Rel-Tgt-Development-Means	None	Relative Target Development Requirements. A comparison of the relative ease/difficulty of developing various nuclear targets.
Replanning-Requirements	data structure				
	Req-to-Reassess-Nuc-Empl-Sit				
	Vari-B'ween-Act-Des-Nuc-Eff				
	Planning-Shortfalls				
	Req-Redfctm-Nuc-Empl-C'cpt				
	Req-Redfct-Nuc-Empl-Ops	None	None	None	Replanning Requirements. Requirements to replan nuclear employment operations based upon an analyzed need to change the battlefield situation.
Reports-Requests	data structure				
	Status-Reports				
	Sit-Rpts-Requests	None	None	None	Reports/Requests. Reports are formatted compilations of data of various kinds which are used to provide information. Requests are statements of need to support accomplishment of

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Req-Civ-Pop-Status	data structure	TBD			Requests for Civilian Population Status. Data needed which defines the location, size, and movements of civil population centers. Used to support preclusion targeting.
Req-Curr-Proj-Fri-Sit-Upd	data structure				
		Req-Fri-Unit-Curr-Locs			
		Req-Fri-Unit-Proj-Loc			
		Req-Fri-Unit-Curr-Activities			
		Req-Fri-Unit-Proj-Activities			
		Req-Civ-Pop-Status			
		Req-Curr-Proj-Fri-Sit-Upd			
				None	Requests for Current and Projected Friendly Situation Update. Data required to assess friendly unit location and activity and to anticipate locations and activity at a later time.
Req-Curr-Proj-En-Sit-Upd	data structure				
		Req-Enmy-Curr-Locs			
		Req-Enmy-Curr-Activities			
		Req-Enmy-Proj-Locs			
		Req-Enmy-Proj-Activities			
		Req-Terr-Weather-Data			
		None		None	Requests for Current and Projected Enemy Situation Update. Data required to determine the present locations and activity of enemy forces and to estimate location and activity at some later time.
Req-Curr-Proj-Fri-Sit-Upd	alias: main name	Req-Curr-Proj-Fri-Sit-Upd			
					Requests for Current and Projected Friendly Situation Update.
Req-Encoded-for-Trans	data structure				
	TBD		None	None	Requests Encoded for Transmission. Requests to be sent to external headquarters which have had the information

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					contained in them encoded.
Req-Enemy-Curr-Activities	data structure				
	TBD		None	None	Requests for Enemy Current Activities. Data required to determine the present activity of enemy forces.
Req-Enemy-Curr-Locs	data structure				
	TBD		None	None	Requests for Enemy Current Locations. Data required to determine the present location of enemy forces.
Req-Enemy-Proj-Activities	data structure				
	TBD		None	None	Requests for Enemy Projected Activities. Data required to estimate the activity of enemy forces at some later time.
Req-Enemy-Proj-Locs	data structure				
	TBD		None	None	Requests for Enemy Projected Locations. Data required to estimate the location of the enemy forces at some later time.
Req-for-Air-Spt	data structure				
	TBD		None	None	Requests for Air Support. Requests from a force headquarters to supporting air delivery units for the delivery of nuclear weapons.
Req-for-Del-Spt	data structure				
	TBD		None	None	Requests for Delivery Support. Requests to air or surface delivery units for the delivery of nuclear weapons.
Req-for-Info-Support	data structure				
	Req-for-Air-Spt				
	Req-for-Del-Spt				
	Req-for-Sen-Spt				
	Req-Stat-Upd				
	Req-Sit-Upd				
			Requests-for-Info-Support		

## DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
				None	Requests for Information/Support.
Req-for-Sen-Spt					
	data structure				
	TBD		None	None	Requests for Sensor Support. Requests from a force headquarters to supporting target acquisition units for target development support.
Req-Fri-Curr-Locs					
	alias; main name--Req-Fri-Unit-Curr-Locs				Request for Friendly Unit Current Locations.
Req-Fri-Forces-Stat-Upd					
	data structure				
		Req-Fri-Unit-Eqpm-Status			
		Req-Fri-Unit-Pers-Status			
		Req-Fri-Unit-Supply-Status			
		Req-Civ-Pop-Status			
		Req-Fri-Curr-Locs			
			None	None	Requests for Friendly Forces Status Update. Data required to determine the condition and readiness of friendly forces.
Req-Fri-Unit-Curr-Activities					
	data structure				
	TBD		None	None	Requests for Friendly Unit Current Activities. Data required to determine the present activities of friendly forces.
Req-Fri-Unit-Curr-Locs					
	data structure				
	TBD		Req-Fri-Curr-Locs	None	Requests for Friendly Unit Current Locations. Data required to determine the present locations of friendly forces.
Req-Fri-Unit-Eqpm-Status					
	data structure				
	TBD		None	None	Requests for Friendly Unit Equipment Status. Data required to determine the condition and readiness of friendly unit equipment.
Req-Fri-Unit-Pers-Status					

ONA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure				
	TBD		None	None	Requests for Friendly Unit Personnel Status. Data required to determine the personnel readiness of friendly units.
Req-Fri-Unit-Proj-Activities					
	data structure				
	TBD		None	None	Requests for Friendly Unit Projected Activities. Data required to determine the activities of a friendly unit at some later time.
Req-Fri-Unit-Proj-Loc					
	data structure				
	TBD		None	None	Requests for Friendly Unit Projected Locations. Data required to determine friendly unit location at some later time.
Req-Fri-Unit-Supply-Status					
	data structure				
	TBD		None	None	Request for Friendly Unit Supply Status. Data required to determine the supply condition of friendly units.
Req-Reassess-Nuc-Emp-Sit					
	alias; main name--Req-to-Reassess-Nuc-Emp-Sit				
					Requirement to Reassess the Nuclear Employment Situation
Req-Red'ct-Nuc-Emp-Ops					
	data structure				
	Req-Redev-Nuc-Pkg-Subpkg				
	Req-to-Recoord-Nuc-Ops		None	None	Requirement to Redirect Nuclear Employment Operations. Required changes to the situation which can be effected through a redirection of nuclear employment operations.
Req-Red'rm-Nuc-Emp-C'pt					
	data structure				
	Rqmt-to-Reform-Est				
	Rqmt-to-Relgt				
	Rqmt-to-R'w-COA-Dec				
	Rqmt-to-Rvise-Supol-Plan-Guid				
			None	None	Requirement to Redetermine the Nuclear Employment



DNA DATA DICTIONARY

NAME	DATA	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	TYPE				
					Concept. Required changes to the situation which must be effected through a redetermination of the concept of nuclear employment.
Req-Redev-Nuc-Pkg-Subpkg					
	data structure				
		Req-Redtrm-Tgt-Aimpts			
			None		Requirement to Redevelop Nuclear Package/Subpackage.
					Change to the situation which can be effected through redevelopment or modification to a nuclear weapons package/subpackage.
Req-Redtrm-Tgt-Aimpts					
	data structure				
	TBD		None		Requirements to Redetermine Target Aimpoints.
Req-Revise-Init-Plan-Guid					
	data structure				
	TBD				
		Req-to-Revise-Init-Plan-Guid			
		Rqmt-to-Revise-Init-Plan-Guid		None	Requirement to Revise Initial Planning Guidance. Change to the situation which must be effected beginning at a revision to initial planning guidance given.
Req-Routed-for-Trans					
	alias: main name--Reqs-Rtd-for-Tmsn				Requests Routed for Transmission.
Req-Rtd-for-Tmsn					
	alias: main name--Reqs-Rtd-for-Tmsn				Requests Routed for Transmission.
Req-Sit-Upd					
	data structure				
		Req-Curr-Proj-Fri-Sit-Upd			
		Req-Curr-Proj-En-Sit-Upd			
			None		Requests for Situation Update. Data required to determine the locations and activities of friendly and/or enemy forces
Req-Stat-Upd					

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure				
		Req-Fri-Forces-Stat-Upd			
		None		None	Requests for Status Update. Data required to determine the condition and readiness of a unit.
Req-Terr-Weather-Data					
	data structure				
		TBD	None	None	Requests for Terrain and Weather Data. Data required to determine conditions of terrain or weather which may affect nuclear employment operations.
Req-to-Reanal-Msn					
	data structure				
		TBD	None	None	Requirement to Reanalyze Mission. Change to the situation which must be effected beginning at a reanalysis at the mission.
Req-to-Reassess-Nuc-Empl-Sit					
	data structure				
		Req-Revise-Init-Plan-Guid			
		Req-to-Reanal-Msn			
			Req-Reassess-Nuc-Empl-Sit		
			None	None	Requirement to Reassess the Nuclear Employment Situation. Required changes to the situation which must be effected through a reassessment of the nuclear employment situation.
Req-to-Recoord-Nuc-Ops					
	alias: main name--Rqmt-to-Recoord-Nuc-Ops				
					Requirement to Re-coordinate Nuclear Operations.
Req-to-Red'ct-Nuc-Empl-Ops					
	data structure				
		Rqmt-to-Redev-Nuc-Pack-Subpack			
		Rqmt-to-Recoord-Nuc-Ops			
		None	None	None	Requirement to Redirect Nuclear Employment Operations.
Req-to-Revise-Init-Plan-Guid					
	alias: main name--Req-Revise-Init-Plan-Guid				
					Requirement to Revise Initial Planning Guidance.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Reqs-F'matted-for-T'msn	data structure				
		Req-Encoded-for-Trans			
		Encoded-Req-Sec-Class-Affixed			
		Enc-Req-Sec-Cl-Aff-Prec-Asgnd			
		Enc-Req-SCI-DTG-Aff-Prec-Asgnd			
		None	None		Requests Formatted for Transmission. Requests which have been placed in the proper format for transmittal to external headquarters.
Reqs-Rtd-for-T'msn	data structure				
	TBD	Req-Rtd-for-T'msn			
		Req-Routed-for-Trans			
		None			Requests Routed for Transmission. Requests which are to be sent to external headquarters which have been properly addressed.
Requests-for-Info-Support	alias; main name	Req-for-Info-Support			
					Requests for Information/Support.
Requests-for-Sit-Update	data structure				
		Req-Cur-Proi-Fri-Sit-Upd			
		Req-Curr-Proi-Er-Sit-Upd			
		None	None		Requests for Situation Update.
Requests-for-Status-Update	data structure				
		Req-Fri-Forces-Stat-Upd			
		None	None		Requests for Status Update.
Required-Tgt-Damage	data structure				
	TBD	None	None		Required Target Damage. The damage to a target which must be achieved if the desired modification to its activities is to be realized.
Restated-Mission					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure				
		Essential-Nuc-Emp-Tasks			
			None	None	Restated Mission. The commander's restatement of the organizational mission.
Restr-NW-Emp-C'sid-Dur-Plan'g	data structure				
		TBD	None	None	Restrictions on Nuclear Weapons Employment to be Considered during Planning. Those restrictions to nuclear employment which the commander desires to be considered during course of action analysis.
Retr'd-Info	data store				
		TBD	None	None	Retrieved Information. Information extracted from an information base for the purpose of using or distributing it.
Rev-COA-PkgSubpkg-Conf	data structure				
		TBD	None	None	Review of Course of Action (COA) Package/Subpackage Conformity. A determination by the commander that developed nuclear weapons packages/subpackages support primary and alternative courses of action.
Rev-Info-Stored-Info-Base	data structure				
		TBD	None	None	Review of Information Stored in the Information Base. A determination by members of the staff of the relevance and currency of stored information.
Rev-PkgSubpkg-Contents	data structure				
		TBD	None	None	Review of Package/Subpackage Contents. A determination by the commander that a developed package/subpackages contains the number and type weapons and conforms to preclusion measures as specified in guidance.
Rev-Ppse-PkgSub-Pcl-TrSaf-Comp	data structure				
		TBD	None	None	Review of Proposed Package/Subpackage for Preclusion

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					and Troop Safety Compliance. A determination by the staff that a proposed nuclear package/subpackage conforms to preclusion and troop safety guidance.
Review-Outst-Req-for-Info	data structure				
		TBD	None	None	Review of Outstanding Requests for Information. A review of what information is required for planning by nuclear employment processors.
Risk-Fri-Forces	data structure				
		Fri-Unit-Plot-Levels			
		TBD	None	None	Risk to Friendly Forces. An assessment to the degree to which friendly forces are expected to be affected by a friendly nuclear weapons attack.
Rlvnt-Enemy-Tgts-Tgt-Sets	alias; main name-Refvnt-Enemy-Tgt-Sets				
		TBD			Relevant Enemy Targets/Target Sets. Those enemy means which can interfere with projected friendly operations.
Rpts-Dir-Prep-for-Trans	data structure				
		TBD	None	None	Reports and Directives Prepared for Transmission. Reports and orders which have been formatted and are ready for transmission.
Rpts-Encoded-for-Trans	data structure				
		TBD	None	None	Reports Encoded for Transmission. Reports which have been formatted and encoded as required prior to transmission.
Rpts-F'matted-for-T'msn	data structure				
		Rpts-Encoded-for-Trans			
		Enc-Rpts-Sec-CI-Affixed			
		Enc-Rpts-Sec-CI-Aff-Prec-Asgnd			
		Enc-Rpt-SCI-DIG-Aff-Prec-Asgnd	None	None	Reports Formatted for Transmission. Reports which have

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					been placed in the proper format for transmittal to external headquarters.
Rpts-Req-Dir-P'pared-for-T'msn					
	data structure				
		Reqs-F'matted-for-T'msn			
		Dir-F'matted-for-T'msn			
		Rpts-F'matted-for-T'msn			
		Rpts-Rtd-for-T'msn			
		Dir-Rtd-for-T'msn			
		Reqs-Rtd-for-T'msn			
			None	None	Reports, Requests, and Directives Prepared for Transmission. Reports which have been placed in the proper format for transmittal to external headquarters.
Rpts-Routed-for-Trans					
	alias; main name--Rpts-Rtd-for-T'msn				
					Reports Routed for Transmission.
Rpts-Rtd-for-T'msn					
	data structure				
		Keved-Rpts-Dir-Regs			
		Repts-Desgnd-Rpts-Dir-Regs			
			Rpts-Routed-for-Trans		
				None	Reports Routed for Transmission. Reports which have been addressed for transmission to external agencies.
Rqmt-to-R'vu-COA-Dec					
	data structure				
		TBD		None	Requirement to Review Course of Action Decision. Required changes to the situation which must be effected through a review of the original course of action decision.
Rqmt-to-Reanal-Mission					
	data structure				
		TBD		None	Requirement to Reanalyze Mission. Required changes to the situation which must be effected through a reanalysis of the mission.
Rqmt-to-Record-Nuc-Ops					

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure	TBD	None	None	Requirement to Re-coordinate Nuclear Operations. Required changes to the situation which can be effected by re-coordinating nuclear operations.
Rqmt-to-Redev-Nuc-Pack-Subpack	data structure	TBD	None	None	Requirement to Redevelop Nuclear Package/Subpackage. Required changes to the situation which can be effected by redeveloping nuclear weapons packages/subpackages.
Rqmt-to-Reform-Est	data structure	TBD	None	None	Requirement to Reformulate Estimate. Required changes to the situation which must be effected through a reformulation of commander/staff estimates.
Rqmt-to-Retgt	data structure	TBD	None	None	Requirement to Retarget. Required changes to the situation which must be effected through a retargeting effort.
Rqmt-to-Revise-Suppl-Plan-Guid	data structure	TBD	None	None	Requirement to Revise Supplementary Planning Guidance. Required changes to the situation which must be effected by revising the commander's supplementary planning guidance.
Rqmt-to-Revise-Init-Plan-Guid	alias; Req-Revise-Init-Plan-Guid				Requirement to Revise Initial Planning Guidance.
Rqmts-Minc-Nuc-Wpn-Reserves	data structure	TBD	None	None	Requirements for the Maintenance of Nuclear Weapons Constraints placed on the force requiring it to maintain a given number of nuclear weapons in reserve stocks.
Std-Commo-Rec-Plt					

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	data structure				
	TBD		None	None	Standard Communications Records and Reports Procedures. Standardized procedures for recording and reporting communication activities and traffic.
S'falls-in-Ass'mt-of-Sit	data structure				
	TBD		None	None	Shortfalls in Assessment of the Situation. Shortcoming in the assessment of the situation which caused an unacceptable variance between the actual and desired results of nuclear employment.
S'falls-in-D'trmn-Actions	data structure				
	TBD		None	None	Shortfalls in Determining Actions. Shortfalls in determining the concept of nuclear operations which caused an unacceptable variance between the actual and desired results of nuclear employment.
S'falls-in-Direct-Ops	data structure				
	TBD		None	None	Shortfalls in Directing Operations. Shortfalls in directing nuclear employment operations which caused an unacceptable variance between the actual and desired results of nuclear employment.



# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Schedule-of-Nuc-Fires					
	data structure				
		Heights-of-Burst			
		Tgt-Locations			
		Times-on-Tgt			
		Wpns-to-be-Empl			
		Unit-to-Fire			
			None	None	Schedule of Nuclear Fires. Nuclear weapons employed in a defined sequence, according to a definite program.
Sen-Proc-Time-Frames					
	data structure				
		TBD	None	None	Sensor Processing Time Frames. A factor in the overall acquisition system timeliness assessment. It is the time required to convert the raw sensor data into a usable data.
Senscr-Acq-Caps					
	data structure				
		TBD	None	None	Sensor Acquisition Capabilities. Factors associated with the inherent capabilities of sensor systems. They include items such as range, duration, mobility, etc.
Sensor-Doctrine					
	data structure				
		Sensor-Acq-Caps			
		Sen-Proc-Time-Frames			
		Sensor-Tasking-Pasp-Times	None	None	Sensor Doctrine. General guidance provided for the employment of sensors used in target development.
Sensor-Sys-Stat					
	data structure				
		TBD	None	None	Sensor System Status. Information concerning the availability and mission readiness of sensor systems.
Sensor-Tasking-Response-Times					
	data structure				
		TBD	None	None	Sensor Tasking Response Times. The time elapsed between selection of a sensor and the time it begins to develop targets.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Sensors-Avail-for-Tasking	data structure				
		Sensor-Sys-Stat			
		Cur-Proj-Sen-Sys-Locs			
			None	None	Sensors Available for Tasking. A list of the sensors which can be committed to develop nuclear targets.
Sensors-D'nated-Dev-Nuc-Tots	data structure				
		Match-Avail-Sen-Tgt			
		Id'd-Rqmt-Addl-Sen-Spt			
			None	None	Sensors Designated for the Development of Nuclear Targets. The sensor(s) identified through the planning process as being available and capable of developing a specific target.
Sig-Unit-Stat-Rep	data structure				
		TBD	None	None	Signal Unit Status Reports. Information summarizing mission readiness of the signal units supporting a force.
Signal-Coord-Instr	data structure				
		TBD	None	None	Signal Coordinating Instructions. Orders issued for the technical control and coordination of the signal communications activities.
Sit-Reps	data structure				
		Host-Nation-Rpts			
		Adj-Hq-Sit-Rpts			
		Ext-Sit-Rpts			
		Mvr-Unit-Sit-Rpts			
		Nuc-Del-Sit-Rpts			
		Sub-Del-Unit-Sit-Rpt			
		Sub-Mvr-Unit-Sit-Rpt			
		Tgt-Acq-Unit-Sit-Rpts			
		Periodic-Sit-Rpts			
		As-Reqd-Sit-Rpts			
			Sit-Rpts		
				Assessment-of-Situation	

## DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
				Curr-Proj-Enmy-Sit	
				Curr-Proj-Fri-Sit	
				Portr-of-Curr-Sit	
					Situation Reports. Reports which provide information relating to the tactical posture, locations, and activities of the unit(s) submitting reports.
Sit-Rpts					
	alias, main name--Sit-Reps				Situation Reports.
Sit-Rpts-Requests					
	data structure				
		Sit-Rpts			
		Req-for-Info-Support			
			None	None	Situation Reports/Requests. Information critical to the control of ongoing combat operations. Reports are submitted periodically or are event triggered. Information requests are transmitted by the commander or staff in order to clarify a situation.
Situation-Status-Reports					
	data structure				
		Status-Reports			
		Sit-Reps			
			None	None	Situation and Status Reports. Reports addressed in the unit SOP which provide a summary of the units activities (i.e. situation) or its condition in terms of general equipment and personnel readiness (i.e. status).
SOPs					
	data structure				
		Tac-SOP-on-Commo			
		Tac-SOP-Rpts			
		Tac-SOP-Warn-Msgs			
		Tac-SOP-Nuc-Wpns-Empl			
		Tac-SOP-on-Plan-Ord-Devel			
		Tac-SOP-OPSEC			
			None	None	Standing Operating Procedures. A unit directive which standardizes procedures throughout an organization to insure continuity of operations and preclude entering common things into an

# DNA DATA DICTIONARY

NAME	DATA	COMPONENTS	ALIASES	RELATED	REMARKS
	TYPE			DATA	
					operations plan. It promotes teamwork, efficiency and reduced the need for repetitive instructions.
Spec-Acc-Risk-Fri-Forces					
	data structure				
	TBD		None	None	Specification of Acceptable Risk to Friendly Forces. A statement by the commander of the degree of risk he is willing to accept in conjunction with a nuclear attack. The risk translates into the exposure of soldiers to nuclear weapons effects.
Spec-Nuc-Empl-Tasks					
	data structure				
	TBD		None	None	Specified Nuclear Employment Tasks. The tasks which are discretely addressed in the nuclear attack execution order/plan.
Specified-Nuc-Log-Task					
	data structure				
	TBD		None	None	Specified Nuclear Logistics Tasks. Nuclear weapons logistics tasks which are discretely addressed in an order/plan.
Specified-Nuc-Tgt-Acq-Tasks					
	data structure				
	TBD		None	None	Specified Nuclear Target Acquisition Tasks. Nuclear weapons target acquisition tasks which are discretely addressed in an order/plan.
Specified-Nuc-Tgt-Aik-Tasks					
	data structure				
	TBD		None	None	Specified Nuclear Target Attack Tasks. The nuclear target attack tasks which are directly addressed in an order/plan.
Staff-Agreement-Preferred-COA					
	data structure				
	IntraStaff-Comp-COA				
			None	None	Staff Agreement on the Preferred Course of Action. In the planning process, it is the point where the various members of the staff reach a consensus that one COA members of the staff reach a consensus that one COA is superior to the others.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Staff-Estimate	data structure				
	TBD		None	None	Staff Estimate. See the definition of CDR-Staff-Estimates. A collection, by each staff member, of facts, events, conclusions, and recommendations on how the resources available to the unit can best be utilized to accomplish the assigned mission in terms of the specific area of staff responsibility.
Staff-Nuc-COA-R'mendation	data structure				
	Sgt-Prior-of-NWpns-Spt-COA				
	Staff-Agreement-P'ferred-COA				
	Outline-Ea-NW-Spt-COA				
	Staff-Nuc-Crs-Action-Rec'md				
	Staff-Nuc-Crs-Rec'md				
	Staff-Nuc-COA-R'mendation			None	Staff Nuclear Course of Action Recommendation. A recommendation based on a consensus reached by members of the staff regarding the best nuclear weapons-supported course of action.
Staff-Nuc-Crs-Action-Rec'md	alias; main name--Staff-Nuc-COA-R'mendation				
					Staff Nuclear Course of Action Recommendation.
Staff-Nuc-Crs-Rec'md	alias; main name--Staff-Nuc-COA-R'mendation				
					Staff Nuclear Course of Action Recommendation.
Staff-Subord-Hq-Plan-Prep-Time	data structure				
	Ord-Plan-Prep-Time				
	Time-Avail-for-Plan-Prep				
	Rehearsal-Time				
	Planning-Time-Schedule				
	Sub-Unit-Plan-Time				
	Sub-Unit-Prep-Time				
	Decision-Cycle-Time			None	Staff and Subordinate Headquarters Planning and Preparation

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					Time. The overall time required to plan, coordinate, initiate an operation, and for subordinate headquarters to plan and prepare for it. The time requirements vary with the level of command and mission complexity.
Standard-Procedures	data structure				
		SOPs			
		Regulations			
			None	None	Standard Procedures. Actions to be taken under given circumstances. Such actions are common to all elements of an organization. Regulator actions are directive in nature.
Status-Reports	data structure				
		Sig-Unit-Stat-Rep			
		Periodic-Stat-Rpts			
		As-Reqd-Stat-Rpts			
		CSS-Status-Rpts	None	None	Status Reports. Reports designed to provide information concerning the availability and readiness of personnel and equipment.
Status-Situation-Reports	alias; main name	Situation-Status-Reports			Situation and Status Reports.
Std-Comms-Records-Rpts-P'dures	data structure				
		TBD	None	None	Standard Communications Records and Reports Procedures. Standardized procedures for recording and reporting communications activities and status.
Stf-Anal-of-NWpns-Spt-Crs-Act	data structure				
		Facis-A'smo-R'grd-Erm	'Wpns		
		Alt-Nuc-Wpns-Spt-Crs-Action			
		C/Pare-Alt-Nuc-Spt-Crs-Action	None	None	Staff Analysis of Nuclear Weapons-Supported Courses of Action. The process by which the unit staff assesses the

NAME	DATA	COMPONENTS	ALIASES	RELATED	REMARKS
	TYPE			DATA	
					various courses of action which involve the use of nuclear weapons.
Stf-Nuc-COA-R'mer dation					
	alias: main name--Staff-Nuc-COA-R'mendation				
					Staff Nuclear Course of Action Recommendation.
Stf-Prior-of-NWpns-Spt-COA					
	data structure				
	G1-Prior-NW-Spt-COA				
	G2-Prior-NW-Spt-COA				
	G3-Prior-NW-Spt-COA				
	G4-Prior-NW-Spt-COA				
	G5-Prior-NW-Spt-COA				
	FSCoord-Prior-NW-Spt-COA				
		None	None		Staff Prioritization of Nuclear Weapons-Supported Course of Action. A supportability ranking of COA by individual staff officers. E.g. the G4 will rank, as highest, the COA which is most readily supported with available logistics resources.
STRIKEWARN-Msg					
	data structure				
	TBD		None	None	STRIKEWARN Message. Standard warning messages STANAG 2104. Provides warning of impending nuclear attack. It is issued by the executing command to units which may be effected by the strike and whose soldiers are required to take protective action.
STRIKEWARN-Times					
	data structure				
	Fri-Unit-Prot-Prep-Time				
	Tgt-Rx-Caps		None	None	STRIKEWARN Times. Line DELTA OF THE STRIKEWARN message. It provides the strike (pulse) start and end date/time for a multiple weapons strike. For a single weapon strike it provides the date/time of the strike and the date/time after which the strike will be cancelled.
STRIKEWARN					
	alias: main name--STRIKEWARN-1-Msg				

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					STRIKEWARN Message.
Sub-CSS-Unit-Status-Rpts	data structure				
	TBD		None	None	Subordinate Combat Service Support Unit Status Reports. Reports which provide summary information concerning the readiness and availability of CSS units.
Sub-Del-Unit-Sit-Rpt	data structure				
	TBD		None	None	Subordinate Delivery Unit Situation Report. Reports which provide summary information regarding the delivery unit's location and activity.
Sub-Del-Unit-Status-Rpt	alias; main name--Sub-Nuc-Del-Unit-Status-Rpt				
					Subordinate Delivery Unit Status Report.
Sub-Mvr-Unit-Sit-Rpt	data structure				
	TBD		None	None	Subordinate Maneuver Unit Situation Report. Reports which provide summary information regarding the location and activity of maneuver units.
Sub-Mvr-Unit-Status-Rpt	data structure				
	TBD		None	None	Subordinate Maneuver Unit Status Report. Reports which provide summary information concerning the readiness and availability of maneuver units.
Sub-Nuc-Del-Unit-Status-Rpt	data structure				
	TBD		Sub-Del-Unit-Status-Rpt	None	Subordinate Delivery Unit Status Report. Reports which provide summary information concerning the readiness and availability of delivery units.
Sub-Unit-Intel-Rpts	data structure				
	Curr-Enmy-LoCs				



# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		Curr-Enemy-Activities			
		Proj-Enemy-Activities	None	None	Subordinate Unit Intelligence Reports. Reports of enemy activity received from subordinate units. The reports are made as required by SOP or the intelligence collection plan.
Sub-Unit-Mvmt-Time					
	data structure				
	TBD		None	None	Subordinate Unit Movement Time. The time required for a unit to move from it one position to the next (e.g. from a hide position to a firing position.)
Sub-Unit-Nuc-Emp-Req					
	data structure				
	TBD		None	None	Subordinate Headquarters Nuclear Employment Request. A request from a subordinate headquarters to execute all or a part of an approved nuclear weapons subpackage.
Sub-Unit-Plan-Time					
	data structure				
	TBD		None	None	Subordinate Unit Planning Time. The time required for a subordinate unit to develop an effective plan following the receipt of a mission.
Sub-Unit-Prep-Time					
	data structure				
	TBD		None	None	Subordinate Unit Preparation Time. The time required for a subordinate unit to complete mission preparatory activities (i.e. resupply, reposition, reorganize, etc.)
Subord-Orgn-Mvmt-Rqmts					
	data structure				
	TBD		None	None	Subordinate Organization: Movement Requirements. The movements that a subordinate unit will have to make in order to perform in a forthcoming mission.
Subord-Orgn-Prep-Rqmts					
	data structure				
	Subord-Orgn-Mvmt-Rqmts				
	Subord-Orgn-Sup-Rqmts				

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		Subord-Orgn-Surv-Rqmts	None	None	Subordinate Organization Preparation Requirements. The preparations that a subordinate unit will have to make in order to perform in a forthcoming mission.
Subord-Orgn-Surv-Rqmts	data structure				
	TBD		None	None	Subordinate Organization Supply Requirements. The supplies required by a unit to support the accomplishment of a mission.
Subord-Orgn-Surv-Rqmts	data structure				
	TBD		None	None	Subordinate Organization Survivability Requirements. The factors governing survivability of subordinate units.
Subseq-Warn-Ord-Input	data structure				
	TBD		None	None	Subsequent Warning Order Input. Input to the subsequent warning order which provides information to support the preparations of a subordinate unit which precedes the publication of an OPORD/OPPLAN.
Summary-of-Enemy-Sit	data structure				
	TBD		None	None	Summary of the Enemy Situation. A portion of the intelligence summary (INTSUM) or estimate which describes the activity and disposition of the enemy force.
Suppl-Planning-Guid	data structure				
	TBD		None	None	Supplemental Planning Guidance. Additional commander's guidance which is provided to the staff following the commander's decision and concept.
Sur-Del-Nuc-R'scres-Avail-Plan	data structure				
	Sur-Nuc-Sys-Avail-Plan				
	Sur-Delvd-Nuc-Wpn-Avail-Plan				
	Sur-Del-Nuc-Res-Avail-Plan				

## DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
			Surf-Del'd-Nuc-Res-Av-Plan	None	Surface-Delivered Nuclear Resources Available for Planning.
					Ground force nuclear weapons and systems which are available to support an operation.
Sur-Del-Nuc-Res-Avail-Plan					
	alias; main name--	Sur-Del-Nuc-R'scres-Avail-Plan			Surface-Delivered Nuclear Resources Available for Planning.
Sur-Del'd-Nuc-Wpn-Avail-Plan					
	data structure				
	TBD		None	None	Surface-Delivered Nuclear Weapons Available for Planning.
					Ground force nuclear weapons which are available to support an operational phase.
Sur-Nuc-Del-Sys-Caps					
	alias; main name--	Surf-Nuc-Del-Sys-Caps			Surface Nuclear Delivery System Capabilities.
Sur-Nuc-Del-Sys-Resp-Times					
	alias; main name--	Surf-Nuc-Del-Sys-Resp-Times			Surface Nuclear Delivery System Response Times.
Sur-Nuc-Sys-Avail-Plan					
	data structure				
	TBD		None	None	Surface Nuclear Systems Available for Planning. A list of the nuclear capable systems which are available to support a tactical or operational phase. These systems are used in development of the nuclear COA.
Surf-Del'd-Nuc-Res-Av-Plan					
	alias; main name--	Sur-Del-Nuc-R'scres-Avail-Plan			Surface-Delivered Nuclear Resources Available for Planning.
Surf-Del-Units-Fire					
	data structure				
	TBD		None	None	Surface Delivery Units to Fire. A list of the units which are scheduled to fire a specific nuclear package/subpackage.
Surf-Nuc-Del-Sys-Caps					

DNA DATA DICTIONARY

NAME	DATA	COMPONENTS	ALIASES	RELATED	REMARKS
	TYPE			DATA	
	data structure				
	TBD		Nuc-Sur-Del-Sys-Caps	None	Surface Nuclear Delivery System Capabilities. A list of the performance characteristic, (i.e. speed, range, etc.) of ground force nuclear delivery systems.
Surf-Nuc-Sys-Resp-Times					
	data structure				
	TBD		None	None	Surface Nuclear Delivery System Response Times. The time required after receipt of an execution order for a surface delivery system to complete preparations and deliver a nuclear weapon.
Surface-Conditions					
	data structure				
	TBD		None	None	Surface Conditions. The nature of the materials that comprise the surface over which the nuclear weapon is detonated. Ideal surfaces, such as, ice reflect most of the blast and thermal energy released in the explosion. Non-ideal surfaces, such as, low thick vegetation absorb a great deal of blast and thermal energy.
SW-Alfa					
	basic data				
	TBD		None	None	STRIKEWARN Line ALFA. Part of a formatted STRIKEWARN message. Codeword indicating nuclear strike. For a multiple strike, includes the selective employment plan. For a single strike, includes the target number.
SW-Delta					
	basic data				
	TBD		None	None	STRIKEWARN Line DELTA. Part of a formatted STRIKEWARN message. For a multiple strike, date/time group strike will start followed by the date/time group the strike will end. For a single strike, date/time group of the strike, followed by the date/time group after which the strike will be cancelled. Use Zulu time.
SW-Foxtro-1					

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	basic data	TBD	None	None	STRIKEWARN Line FOXTROT-1. Part of a formatted STRIKEWARN message. For a multiple strike, the six digit UTM grid coordinates of the MSD 1 box. For a single strike, MSD 1 box. For a single strike, MSD 1 in hundreds of meters followed by the six digit UTM grid coordinates of either ground zero (GZ) or desired ground zero (DGZ). If more than one MSD is to be included in the STRIKEWARN, GZ or DGZ will be included only in the FOXTROT-1 line.
SW-Foxtrot-2	basic data	TBD	None	None	STRIKEWARN Line FOXTROT-2. Part of a formatted STRIKEWARN message. For a multiple strike, the six digit UTM grid coordinates of the MSD 2 box. For a single strike, MSD 2 in hundreds of meters followed by the six digit UTM grid coordinates of either GZ or DGZ.
SW-Foxtrot-3	basic data	TBD	None	None	STRIKEWARN Line FOXTROT-3. Part of a formatted STRIKEWARN message. For a multiple strike, the six digit UTM grid coordinates of the MSD 3 box. For a single strike, MSD 3 in hundreds of meters followed by the six digit UTM grid coordinates of either GZ or DGZ.
SW-Hotel	basic data	TBD	None	None	STRIKEWARN Line HOTEL. Part of a formatted STRIKEWARN message. If one or more bursts has less than a 99% assurance of being an airburst or is a scheduled surface or subsurface burst, indicate surface, preceded by the total number of surface and/or subsurface bursts. If only one burst is surface, the number need not be sent. If all airbursts, do not transmit this line.
SW-India	basic data	TBD	None	None	STRIKEWARN Line INDIA. Part of a formatted STRIKEWARN message. Number of bursts in a multiple strike. If a single

# UNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					strike, do not transmit.
Sys-Initialization-Data	data store				
		TBD	None	None	System Initialization Data. All of the information necessary to initialize the nuclear weapons employment planning process.
TAC-SOP-Apv-Consol-PkgSubpkg	data structure				
		TBD	None	None	Tactical SOP on Approval and Consolidation of Nuclear Packages/Subpackages. Unit level guidance outlining the procedures which are to be followed in securing approval for nuclear packages/subpackages. It also provides a methodology for consolidation of subordinate unit subpackages.
TAC-SOP-As-Reqd-Submissions	data structure				
		TBD	None	None	Tactical SOP on As-Required Report Submissions. Unit standardized guidance which outlines formats and transmission requirements for reports which are to be submitted based on situational factors.
TAC-SOP-Authen-Procedures	data structure				
		TBD	None	None	Tactical SOP on Authentication Procedures. Unit level guidance regarding authentication requirements, procedures, and systems in use.
TAC-SOP-Commo-Means-TAC-Sit	data structure				
		TAC-SOP-Use-Commo-TAC-Sit	None	None	Tactical SOP on the Use of Communications Modes in Certain Tactical Situations. Unit level guidance on the use of tactical communications systems available to the unit. It disciplines the communications process and restricts the use of certain communications means.
TAC-SOP-Commo-Modes-TAC-Sit	data structure				
		TBD	None	None	Tactical SOP on the Use of Communications Means in Certain

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					Tactical Situations. Unit level guidance on the use of tactical communications systems available to the unit. It disciplines the communications process and restricts the use of certain communications means.
TAC-SOP-Conv-Rad-Net-Regs	data structure				
	TBD				Tactical SOP on Conventional Radio Net Requirements. Unit level guidance which establishes tactical radio networks and requirements/priorities for operating stations.
TAC-SOP-Crit-Issue-Wng-Msgs	data structure				
	TBD		None	None	Tactical SOP on Criteria for Issue of Warning Messages. Unit level guidance concerning when warning messages will be issued; who is responsible and authorized to issue them; and which communications means and mode will be used.
TAC-SOP-Emission-Sec	data structure				
	TBD		None	None	Tactical SOP on Emission Security. Unit level guidance which outlines the procedures to be followed in the reduction and disguise of emissions associated with operations.
TAC-SOP-Fallout-Prec	data structure				
	TBD		None	None	Tactical SOP on Fallout Preclusion. Unit level guidance used in nuclear planning which establishes fallout preclusion norms.
TAC-SOP-Info-Maint	data structure				
	Tac-SOP-Info-Ret-RqmIs		None	None	Tactical SOP on Information Maintenance. Unit level guidance which outlines the processes and procedures used to update and store information for planning and control.
TAC-SOP-Info-Rec'd-g-P'dures	data structure				
	TBD		None	None	Tactical SOP on Information Recording Procedures. Unit level guidance outlining the methods used to record information

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					relevant to planning and control activities.
TAC-SOP-Info-Req-Formats	data structure				
	TBD		None	None	Tactical SOP on Information Request Formats. Unit level guidance used to specify the formats for requesting specific types of information.
TAC-SOP-Info-Req-Formats	data structure				
	TBD		None	None	Tactical SOP on Information Retention Requirements. Unit level guidance which defines the types of information which is to be retained as part of the unit specific data base.
TAC-SOP-Nuc-Emp-Req-Auth-Pdures	data structure				
	TBD				
			TAC-SOP-Nuc-Emp-Req-Auth-Proc	None	Tactical SOP on Nuclear Employment Request/Authorization Procedures. Unit level guidance which outlines procedures which must be followed to request or authorize the employment of nuclear weapons.
TAC-SOP-Nuc-Emp-Req-Auth-Proc	alias: main name--TAC-SOP-Nuc-Emp-Req-Auth-Pdures				
					Tactical SOP on Nuclear Employment Request/Authorization Procedures.
TAC-SOP-Nuc-Msg-Formats	data structure				
	TBD		None	None	Tactical SOP on Nuclear Message Formats. Unit level guidance which provides the approved formats supporting the transmission of information regarding nuclear weapons and nuclear operations.
TAC-SOP-Nuc-Tgt-Damage-Crit	data structure				
	TBD		None	None	Tactical SOP on Nuclear Target Damage Criteria. Unit level guidance concerning acceptable levels of target damage to various types of targets to support preliminary nuclear



DNA DATA DICTIONARY

NAME	DATA	COMPONENTS	ALIASES	RELATED	REMARKS
	TYPE			DATA	
					planning activities.

DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
TAC-SOP-Nuc-Wpns-Empl	data structure				
		TAC-SOP-Tgt'g-P'dures			
		Tac-SOP-Nuc-Empl-ReqAuth-P'dures			
		Tac-SOP-Fallout-Precl			
		Tac-SOP-Nuc-Tgt-Damage-Crit			
		Tac-SOP-Prep-Nuc-Pkg-Subpkg			
		Tac-SOP-Apv-Consol-PkgSubpkg			
		Tac-SOP-Sit-Resp-Op-Dev-Coord			
		None	None		Tactical SCP on Nuclear Weapons Employment. Unit level guidance which specifies procedures which will routinely govern nuclear weapons employment planning.
TAC-SOP-on-Commo	data structure				
		Tac-SOP-Commo-Means-Tac-Sit			
		Tac-SOP-on-Standard-Radio-Nets			
		Tac-SOP-Nuc-Msg-Formats			
		Tac-SOP-Authen-Procedures			
		Tac-SOP-Emission-Sec			
		Std-Comms-Records-Rpts-P'dures			
		TAC-SOP-Info-Rec'd'g-P'dures			
		Tac-SOP-Info-Regs-Formats			
		Tac-SOP-Info-Maint			
		Tac-SOP-Commo-Modes-Tac-Sit			
		None	None		Tactical SOP on Communications. Developed at each echelon/unit with communications capabilities; contains the sorts of information listed under components.
TAC-SOP-on-Plan-Ord-Devel	data structure				
		Tac-SOP-Sit-Resp-Op-Dev-Coord			
		Tac-SOP-Op-Sec-Reqmts			
		Tac-SOP-Op-Formats			
		TAC-SOP-OP-Apv-P'dures			
		Tac-SOP-Op-Prep-Times			
		TAC-SOP-on-Plan-Ord-Prep			
		TAC-SOP-on-Plans-Ord-Devel			
		None	None		Tactical SOP on Plans and Orders Development. Developed at each echelon/unit that develops plans/orders; contains the

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					sorts of information listed under components.
TAC-SOP-on-Plan-Ord-Prep					
	alias, main name--	TAC-SOP-on-Plan-Ord-Devel			Tactical SOP on Plans and Orders Preparation.
TAC-SOP-on-Plans-Ord-Devel					
	alias, main name--	TAC-SOP-on-Plan-Ord-Devel			Tactical SOP on Plans and Orders Development.
TAC-SOP-on-Standard-Radio-Nets					
	data structure				
		Tac-SOP-Std-Rad-Nets-NW-Comms			
		Tac-SOP-Conv-Rad-Net-Regs	None	None	Tactical SOP on Standard Radio Nets. Developed at each echelon/unit operating in standard radio nets.
TAC-SOP-OP-Appr-Procs					
	data structure				
	TBD	None	None	None	Tactical SOP Order/Plan Approval Procedures. Developed at each echelon/unit that develops orders and plans or that approves orders and plans.
TAC-SOP-OP-Formats					
	data structure				
	TBD	None	None	None	Tactical SOP on Order/Plan Formats. Developed at each echelon/unit that is required to prepare orders and plans. A manner of insuring standardization.
TAC-SOP-OP-Prep-Times					
	data structure				
	TBD	None	None	None	Tactical SOP on Order/Plan Preparation Times. Developed at each echelon/unit that develops orders/plans. A standardization of the time it should take to prepare a given order/plan.
TAC-SOP-OP-Sec-Reqmts					
	data structure				
	TBD	None	None	None	Tactical SOP on Order/Plan Security Requirements. Developed at each echelon/unit that is required to provide security for nuclear weapons. This will standardize procedures so all that

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					are involved will be able to accomplish tasks with a minimum of effort.
TAC-SOP-OPSEC					
	data structure				
		Tac-SOP-Phys-Sec-NWpns	None	None	Tactical SOP on Operations Security (OPSEC). Developed at each echelon/unit that is responsible for OPSEC. Insures standard procedures for all agencies responsible for OPSEC.
TAC-SOP-Phys-Sec-NWpns					
	data structure				
		TBD	None	None	Tactical SOP on the Physical Security of Nuclear Weapons. Developed at each echelon or unit that must provide security for nuclear weapons. Provides a way to standardize security procedure within a given command.
TAC-SOP-Prep-Nuc-Pkg-Subpkg					
	data structure				
		TBD	None	None	Tactical SOP on the Preparation of Nuclear Packages/Subpackages. Developed at corps or division to aid in and simplify the procedures required to prepare packages.
TAC-SOP-Rpt-Formats					
	data structure				
		TBD	None	None	Tactical SOP on Report Formats. Developed at each echelon that submits reports. It will standardize report formats for a unit and ease of preparation.
TAC-SOP-Rpt-Freqs					
	data structure				
		TBD	None	None	Tactical SOP on Report Frequencies. Developed at each echelon that submits reports. It will standardize how often particular reports are to be submitted.
TAC-SOP-Rpts					
	data structure				
		Tac-SOP-Rpt-Freqs			
		Tac-SOP-Rpt-Formats			
		Tac-SOP-As-Regd-Submissions			

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
			None	None	Tactical SOP on Reports. Developed by each echelon/unit that prepares reports; contains the sorts of information listed under components.
TAC-SOP-Std-Nuc-Commo-Nets					
	data structure				
	TBD		None	None	Tactical SOP on Standard Nuclear Communications Nets. Developed at each echelon required to maintain/operate communications equipment in support of nuclear operations.
TAC-SOP-Std-Rad-Nets-NW-Comms					
	data structure				
	TBD		None	None	Tactical SOP on Standard Radio Nets for Nuclear Weapons Communications. Developed at each echelon required to monitor/operate in radio nets that will receive message traffic dealing with the employment of nuclear weapons.
TAC-SOP-Sit-Resp-OP-Dev-Coord					
	data structure				
	TBD		None	None	Tactical SOP on Staff Responsibilities for Order/Plan Development and Coordination. Developed at each echelon or unit required to prepare orders or plans.
TAC-SOP-Tgt'g-Procs					
	data structure				
	TBD		None	None	Tactical SOP on Targeting Procedures. Developed at each echelon that has the responsibility for doing targeting. Standardizes procedures for developing target lists and approval processes.
TAC-SOP-Use-CMM-Wing-Msgs					
	data structure				
	TBD		None	None	Tactical SOP on the Use of Communications Means/Modes for Warning Messages. Developed at each echelon that has the responsibility for transmitting warning messages and selecting the means (radio) and mode (SINCGARS) to transmit the message.
TAC-SOP-Use-Commo-TAC-Sit					
	alias: main name--TAC-SOP-Commo-Means-TAC-Sit				

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					Tactical SOP on the Use of Communications Means in Certain Tactical Situations.
TAC-SOP-Warn-Msg-Fmats	data structure				
		TBD	None	None	Tactical SOP on Warning Message Formats. Developed at echelons/units that have the responsibility for preparing and transmitting warning messages.
TAC-SOP-Warn-Msgs	data structure				
		Tac-SOP-Warn-Msg-Fmats			
		Tac-SOP-Crit-Issue-Wng-Msgs			
		Tac-SOP-Use-CMM-Wng-Msgs		None	Tactical SOP on Warning Messages. Developed at echelons and units that are responsible for preparing warning messages. Will standardize content of the message.
Tactical-SOP	data structure				
		Tac-SOP-Commo-Means-Tac-Sit			
		Tac-SOP-Commo-Modes-Tac-Sit			
		Tac-SOP-Nuc-Wpns-Empl			
		Tac-SOP-on-Commo			
		Tac-SOP-on-Plan-Ord-Devel			
		Tac-SOP-on-Plan-Ord-Prep			
		Tac-SOP-on-Standard-Radio-Nets			
		Tac-SOP-Rpts			
		Tac-SOP-Use-Commo-Tac-Sit			
		Tac-SOP-Warn-Msgs			
		Tac-SOP-Authen-Procedures		None	Tactical SOP. Developed and used by units to standardize recurring procedures within a unit. It simplifies operations in that the commander or staff officer do not have to specifically outline tasks to be accomplished each time they occur or reoccur.
Terrain	basic data				
		TBD	None	None	Terrain. A consideration in METT-I. Physical features of the land.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Terrain-Controlled-Diff	data structure				
	TBD		None	None	Terrain Controlled Differential. The difference between what was desired to be gained from a nuclear weapon and what actually was gained (lost) in terms of terrain controlled by friendly forces.
Terrain-Relief	data structure				
	TBD		None	None	Terrain Relief. Contour of the land.
Terrain-Weather-Anal	data structure				
	Effects-Terr-on-Comms				
	Effects-Weather-on-Comms				
	Wind-Conditions				
	Precipitation				
	Cloud-Conditions				
	Vis-Conditions				
	Vegetation				
	Terrain-Relief				
	Built-Up-Areas				
	Surface-Conditions				
	Terrain-Weather-Analysis			None	Terrain and Weather Analysis. Examination of the terrain and weather in a particular operational area.
Terrain-Weather-Analysis	alias; main name--Terrain-Weather-Anal				
					Terrain and Weather Analysis.
Tgt-Acq-Unit-Activities	data structure				
	TBD		None	None	Target Acquisition Unit Activities. What a unit is in engaged in at a given time.
Tgt-Acq-Unit-Eqpmt-Status	data structure				
	TBD		None	None	Target Acquisition Unit Equipment Status. State of the equipment in a target acquisition unit.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	DEFINITION	DATA	REMARKS
Tgt-Acq-Unit-Locs	data structure					
		TPD	None		None	Target Acquisition Unit Locations. Grid coordinate locations.
Tgt-Acq-Unit-Pers-Status	data structure					
		TBD	None		None	Target Acquisition Unit Personnel Status. Availability/capability of personnel in the target acquisition unit.
Tgt-Acq-Unit-Sit-Rpts	data structure					
		Tgt-Acq-Unit-Locs				
		Tgt-Acq-Unit-Activities				
		Nuc-Deton-Data	None		None	Target Acquisition Units Situation Reports. Reports concerning the locations and activities of target acquisition units.
Tgt-Acq-Unit-Stat-Rpts	data structure					
		Tgt-Acq-Unit-Eqpm-Status				
		Tgt-Acq-Unit-Pers-Status	None		None	Target Acquisition Units Status Reports. Reports on the personnel and equipment conditions of target acquisition units.
Tgt-Atk-Coord-Info	data structure					
		Del-Sys-Avail-for-Tasking				
		Del-Sys-D'nated-to-Atk-Nuc-Tgt				
		ID'd-Rqmts-for-Add'l-Del-Spt	Tgt-Attack-Coord-Info		None	Target Attack Coordination Information. Data required to coordinate nuclear employment operations.
Tgt-Atk-Time-Frames	data structure					
		TBD	None		None	Target Attack Time Frames. Times established when a specific target or target set can be attacked with nuclear weapons.
Tgt-Attack-Coord-Info						



# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
	alias; main name--Tgt-Atk-Coord-Info				Target Attack Coordination Information.
Tgt-Behavior-Mod-Diff	data structure				
	TBD		None	None	Target Behavior Modification Differential. The difference between the desired and the actual modification of a target's behavior after a nuclear strike.
Tgt-Dam-Contrib-Conv-Wpns	data structure				
	TBD		None	None	Target Damage Contribution of Conventional Weapons. The complement of damage to a target using only conventional weapons.
Tgt-Defeat-Crit	data structure				
	TBD		None	None	Target Defeat Criteria. the degree of damage required on a target in order to modify its behavior in the desired manner.
Tgt-Devel-Coord-Info	data structure				
	Sensors-D'nated-Dev-Nuc-Tgts				
	Sensors-Avail-for-Tasking				
	ID'd-Rqmts-for-Adrtl-Sen-Spt		None	None	Target Development Coordination Information. Information required to develop targets for attack.
Tgt-Locations	data structure				
	TBD		None	None	Target Locations. Map locations of targets expressed as grid coordinates.
Tgt-No	basic data				
	TBD		None	None	Target Number. An alphanumeric designator consisting of two letters and four numbers. The letters "I" and "O" are not used to prevent confusion with the numbers 1 and 0. The first letter is assigned by the corps; the second letter is assigned by division. The numerals of the target number are assigned by the brigade FSO to identify major fire planning agencies. Refer

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					to FM 6-30 for a more complete description.
Tgt-Or'd-Nuc-Tgt-Anal					
	data structure				
	TBD		None	None	Target-Oriented Nuclear Target Analysis. Used to select a wpn based on acquired tgt characteristics, delivery errors, and limiting reqmts. Usually, wpns optimizing effects while satisfying limiting reqmts are used. 3 techniques of tgt-oriented damage estimation: 1) visual; 2) index; 3) numerical.
Tgt-Rx-Caps					
	data structure				
	TBD		None	None	Target Reaction Capabilities. The ability of a target to react to the interception of a STRIKEWARN message.
Tgts-D'nated-for-Nuc-Emp-Plan					
	data structure				
	Required-Tgt-Damage				
	Nuc-Tgt-Description				
	Tgt-Atk-Time-Frac:as				
	Nuc-Atk-Trigger-Events				
	ld'd-Tgt-Atk-Means				
	ld'd-Tgt-Development-Means				
			Tgts-D'nated-Nuc-Emp-Plan		
			None		Targets Designated for Nuclear Employment Planning. After evaluating all data available from a variety of sources these are the targets that more completely meet the commander's guidance and support the maneuver plan.
Tgts-D'nated-Nuc-Emp-Plan					
	alias; main name--Tgts-D'nated-for-Nuc-Emp-Plan				
					Targets Designated for Nuclear Employment Planning.
Time-Avail-Commo-Sys-Estab					
	data structure				
	TBD		None	None	Time Available for Communications System Establishment.
					Time needed to establish a communications system to support combat operations.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Time-Avail-for-Plan-Prep	data structure				
	TBD		None	None	Time Available for Planning and Preparation. The amount of time allocated or available to plan and prepare for an operation.
Time-Cstr-Plan-Empl-Nuc-Wpns	data structure				
	TBD		None	None	Time Constraints on the Planning and Employment of Nuclear Weapons. Limitations on the amount of time available for planning and employing nuclear weapons in order to support a maneuver operation.
Time-of-STRIKEWARN	data structure				
	TBD		None	None	Time of the STRIKEWARN. The time this message is sent.
Time-Zone	basic data				
	TBD		None	Date-Time-Group	Time Zone. Designated by an alpha character following the time based on a 24 hour clock. World is divided into zones in order to control operations in various locations.
Times-on-Tgt	data structure				
	Eff-Wind-Tgt-Alk-Seq				
	Wait-Time-Matrix				
			None	None	Times on Target. The time of a coordinated attack by one or more fire support assets to arrive on a target at the same time.
TOEs	data structure				
	Num-Type-Radios-Asgn				
	Wire-Cable-Means-Asgn				
			None	None	Tables of Orgnization and Equipment. Documents that show numbers of people and pieces of equipment and where they are assigned within an organization.
Trans-Unit-Eqpmt-Status	data structure				

## DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
		TBD	None	None	Transportation Unit Equipment Status. Condition and availability of equipment in a transportation unit.
Trans-Unit-Pers-Status					
	data structure				
		TBD	None	None	Transportation Unit Personnel Status. Availability/capability of personnel in a transportation unit.
Type-Com-Means-Req-NW-Comms					
	data structure				
		TBD	None	None	Type of Communications Means Required for Nuclear Employment Communications. The means (radio) required to support communications needed for nuclear employment operations.
Type-Com-Modes-Req-Nuc-Em-Com					
	data structure				
		TBD	None	None	Types of Communications Modes Required for Nuclear Employment Communications. The modes required to support the communications needed for a nuclear attack.
Type-of-Burst					
	data structure				
		TBD	None	None	Type of Burst. Nuclear weapons bursts may be 'low airburst', 'high airburst', 'near surface burst', 'surface burst', or 'subsurface burst'.
Unavail-Facts-Rlvnt-NW-Empl					
	data structure				
		TBD	None	None	Unavailable Facts Relevant to Nuclear Weapons Employment. Those missing facts for which assumptions must be made.
Unit-PNL					
	data structure				
		TBD	None	None	Unit Prescribed Nuclear Loads. A specified quantity and type of nuclear weapons carried by a delivery unit.
Unit-PNL-Redistrib-P'dures					
	data structure				
		TBD	None	None	Unit Prescribed Nuclear Load (PNL) Redistribution Procedures. Procedures established to redistribute nuclear resources

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					to support a given operation or plan.
Unit-to-Fire					
	data structure				
		Surf-Del-Units-Fire			
		Air-Del-Res-Reqd			
			None	None	Units to Fire. A delivery unit designated to fire a nuclear weapon.
Vari-B'ween-Act-Des-Nuc-Eff					
	data structure				
		Outcomes-of-Nuc-Emp-Tasks			
		Terrain-Controlled-Diff			
		Enemy-Damage-Diff			
		Friendly-Force-Loss-Diff			
		Tgt-Behavior-Mod-Diff			
			None	None	Variance Between Actual and Desired Nuclear Situations. The result of comparing the actual to the desired nuclear weapons employment situation following the performance of one or more nuclear employment tasks.
Vegetation					
	data structure				
		TBD		None	Vegetation. Plant life in a given area of operations.
Vis-Conditions					
	data structure				
		TBD		None	Visibility Conditions. Weather conditions affecting the distance one can see. Usually expressed in meters, kilometers, or miles.
Vis-Enemy-Rx-Nuc-Emp					
	data structure				
		TBD		None	Visualization of Enemy Reaction to Nuclear Employment. When wargaming a nuclear attack to visualize their desired effects and the enemy reaction to the effects.
Vis-Nuc-Emp-Ea-COA					
	data structure				
		TBD		None	Visualization of Nuclear Employment in Each Course of Action. When planning a nuclear attack visualize the effects

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
					of nuclear detonation on the accomplished mission for each Course of Action.
Wait-Time-Matrix					
	data structure				
	TBD		None	None	Waiting Time Matrix. Time required to wait between detonation of one nuclear weapon until another can be employed and avoid preinitiation.
Warning-Order					
	data structure				
	Initial-Warn-Ord-Input				
	Subseq-Warn-Ord-Input		None	None	Warning Order. Provides subordinate units advance notice of a contemplated action or order which is to follow.
Wind-Conditions					
	data structure				
	TBD		None	None	Wind Conditions. Wind velocity in a given area of operations. Usually expressed in knots, miles or kilometers per hour.
Wire-Cable-Means-Asgn					
	data structure				
	TBD		None	None	Wire and Cable Means Assigned. The wire and cable means assigned to a unit by a Table of Organization and Equipment.
Wpns-to-be-Empl					
	data structure				
	TBD		None	None	Weapons to be Employed. Nuclear weapons to be employed in support of an operation. Normally designated in the approved package or subpackage.
Wpns-Yields-HOBs-Each-ID'd-Tgt					
	data structure				
	TBD		None	None	Weapons, Yields, and Heights of Burst for Each Identified Target. The target analyst's goal is to match the most appropriate nuclear weapon and its most effective yield to each target to be engaged to achieve the desired results using the smallest weapon/yield.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Year					
	basic data				
		TBD	None	None	Year. A period of time measured by a calendar and consisting of 365 days.
Yield-Estimations					
	data structure				
		TBD	None	None	Yield-Estimations. After a detonation, the size of the actual yield may be estimated in order to assess target damage.
Yield-R'sict-Empl-Nuc-Wpns					
	data structure				
		TBD	None	None	Yield Restrictions on the Employment of Nuclear Weapons.
					Restrictions on the size of weapons which may be employed.
Yield-Sel-P'dures					
	data structure				
		TBD	None	None	Yield Selection Procedures. Based on analysis of the target and commander's guidance a yield is selected to achieve the required damage. Analysis procedures are outlined in FM 101-31-1.
Zone-1-MSD					
	data structure				
		TBD	None	None	Zone-1 Minimum Safe Distance. This is the radius associated with the limit of negligible risk to warned and protected personnel. Negligible risk should not be exceeded unless significant advantages will be gained; RES must be considered. A unit commander should immediately evacuate Zone 1: if he is unable to do so, he will immediately require maximum protection and report through his next higher headquarters to the executing commander.
Zone-2-MSD					
	data structure				
		TBD	None	None	Zone-2 Minimum Safe Distance. This is the radius associated with the limit of negligible risk to warned and exposed personnel. Maximum protection is required which denotes that personnel are in closed up tanks or sheltered in foxholes with overhead shielding.

# DNA DATA DICTIONARY

NAME	DATA TYPE	COMPONENTS	ALIASES	RELATED DATA	REMARKS
Zone-3-MSD	data structure				
	TBD		None	None	Zone-3 Minimum Safe Distance. This is the radius associated with the limit of negligible risk to unwarned and exposed personnel. Minimum protection is required for ground forces which denotes that personnel are prone on open ground with skin areas covered and with an overall thermal protection at least equal to that provided by a two-layer uniform.
Zone-4-MSD	data structure				
	TBD		None	None	Zone-4 Minimum Safe Distance. The zone radius is greater than the Zone-3 radius. No protective measures are needed except against dazzle and electromagnetic pulse.



## **DISTRIBUTION LIST**

**DNA-TR-90-33-V4**

### **DEPARTMENT OF DEFENSE**

DEFENSE INTELLIGENCE AGENCY  
ATTN: RTS-2B

DEFENSE NUCLEAR AGENCY  
4 CYS ATTN: TITL

DEFENSE TECHNICAL INFORMATION CENTER  
ATTN: DTIC/FDAB

### **DEPARTMENT OF THE ARMY**

DEP CH OF STAFF FOR OPS & PLANS  
ATTN: DAMO-FDC/LTC GOOKINS

U S ARMY FIELD ARTILLERY SCHOOL  
ATTN: ATSF-TSM

U S ARMY INTELLIGENCE CNTR & SCHOOL  
ATTN: ATTI-CD (J ORDWAY)

U S ARMY LOGISTICS CENTER  
ATTN: ATZL-S (BRIAN WOOD)

U S ARMY ORDNANCE CTR & SCHOOL  
ATTN: ATSL-CCU (MR BILL GREEN)

U S ARMY SIGNAL CTR & FT GORDON  
ATTN: ATZH-CDM (CSS BRANCH)

USACACDA  
ATTN: ATZL-CAD N (MR WRIGHT)  
ATTN: ATZL-TSM-MC  
ATTN: TPIO-ATCCS (MR GLOVER)

### **DEPARTMENT OF DEFENSE CONTRACTORS**

KAMAN SCIENCES CORP  
ATTN: DASIAC

KAMAN SCIENCES CORPORATION  
ATTN: DASIAC

LR&M ASSOCIATES  
2 CYS ATTN: D R GLEASON  
2 CYS ATTN: D W DOERFLER  
2 CYS ATTN: L A WEST



Defense Special Weapons Agency  
6801 Telegraph Road  
Alexandria, Virginia 22310-3398

TRC

15 April 1997

MEMORANDUM FOR DEFENSE TECHNICAL INFORMATION CENTER  
ATTN: OMI/MR. BILL BUSH

SUBJECT: Report Distribution Changes

The Defense Special Weapons Agency (Formerly Defense Nuclear Agency) has reviewed the following reports under FOIA actions:

DNA-TR-90-33-V1, AD-B150535  
DNA-TR-90-33-V2, AD-B150536  
DNA-TR-90-33-V3, AD-B150824  
DNA-TR-90-33-V4, AD-B150825

Under FOIA action, these reports are approved for **public release**. Distribution statement "**A**" now applies.

*Arndith Jarrett*  
ARDITH JARRETT  
Chief, Technical Resource Center